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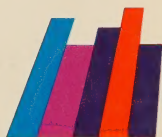






# Ontario Statistics 1975

## Volume 2 Economic Series







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# Ontario Statistics 1975

## Volume 2 Economic Series



Ontario


Ministry of Treasury  
Economics and  
Intergovernmental  
Affairs



**The Honourable W. Darcy McKeough**, minister

**The Honourable Dick Beckett**, minister without portfolio

**A. Rendall Dick**, deputy minister



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## SYMBOLS USED IN TABLES

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- p preliminary figures.
- r revised figures.

In some tables, figures will not add to totals because of rounding.



Section 10

LABOUR



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## HIGHLIGHTS

### Labour Force

In Canada in 1971 the labour force represented 40.9 per cent of the population compared with 37.6 per cent of the population in 1966; in Ontario in the same year the labour force represented 44.3 per cent of the population compared with 40.4 per cent in 1966.

Participation rates by women in the labour force in 1974 were the highest they have been in the period 1953-1974 in Ontario. The rate was 43.0 per cent (of the population 14 years of age and over), up from 41.6 per cent in 1973. The male participation rate in 1974 in Ontario was 78.8 per cent. The highest participation rate in Ontario in 1974 occurred in the 20-24 age bracket, where 76.0 per cent of the population in the age bracket were part of the labour force.

In 1974, of 3,671,000 persons in the labour force in Ontario, 64.1 per cent were male and 35.9 per cent female. In Canada, 65.6 per cent of 9,662,000 persons in the labour force were male and 34.4 per cent were female. Of Ontario's labour force in 1974, 123,000 were classified as being in the agricultural labour force. Of such persons, 81.3 per cent were male.

### Employment

From 1966 to 1974 the Ontario labour force grew from 2,719,000 to 3,671,000, an increase of 35.0 per cent. In 1974, the service industry accounted for 37.2 per cent; manufacturing for 27.0 per cent; trade for 16.5 per cent; transportation and other utilities for 7.3 per cent; construction for 6.7 per cent; and primary industry 4.9 per cent.

In 1974, average hourly earnings in manufacturing were \$4.54; Sarnia had an average hourly earning in manufacturing of \$5.79 while Toronto's was \$4.31. Average weekly hours worked in manufacturing in Ontario in 1974 were 39.2; in Canada, the figure was 38.8.

With 1961 as the base year, the employment index for the industrial composite for Canada increased to 142.8 in 1974, to 147.5 for Ontario and to 168.5 and 154.5 for Ottawa-Hull and Toronto, respectively. In the service industries the employment index for Canada was 224.0, for Ontario 229.4, for Ottawa-Hull 284.5 and for Toronto 228.2.

From 1973 to 1974 employment in Ontario rose 4.5 per cent; in that period, male employment increased 3.6 per cent and female employment rose 6.2 per cent. During the same period, employment in the service industries (including finance) increased 5.9 per cent, while employment in the primary industries decreased slightly from 173,000 to 172,000. The service industries accounted for 37.7 per cent of Ontario's 3,519,000 jobs.

In 1971 in Ontario 97.3 per cent of all people in stenographic and typing occupations were women. These women represented 11.5 per cent of the total number of women in occupations. 34.4 per cent of all women in occupations held clerical and related positions and 13.8 per cent were employed in service positions.

In 1974 4.1 per cent of the labour force was unemployed in Ontario. Of the total Ontario 52,000 unemployed persons (based on the annual average) 20,000 or 13.2 per cent, were not members of family units; of the 86.8 per cent unemployed who were members of family units, 36.4 per cent were heads of the units and 37.9 per cent were single sons or daughters.

Of the 142,000 who were unemployed in Ontario in 1973 (based on annual averages) 31.0 per cent were craftsmen and 28.2 per cent were in office and professional occupations.

Of 116,200 job vacancies in Canada in the third quarter of 1974, 42.1 per cent were in Ontario. Of the job vacancies in Ontario, 16.8 per cent were in the clerical and related occupations and 16.8 per cent were in the product fabricating occupations. By industry, 39.5 per cent of the Ontario vacancies were in manufacturing and 21.3 per cent were in community, business and personal services.

#### Industrial Relations

In 1972, of the 2,388,127 union members in Canada representing an increase of 7 per cent over the previous year's total, 38.1 per cent or 910,508, were in Ontario.

Of a total of 7,196 collective agreements of reporting labour organizations in Ontario in 1972, 88.3 per cent involved international unions.

Ontario lost almost 1.4 million man-days during 1974 because of strikes and lockouts, a decrease of 46.6 per cent over 1970. The number of employees involved was 79,726, or 389 per strike or lockout; and the number of man-days lost represented 47.4 per cent of the total for Canada and averaged 17 man-days per employee involved in a strike or lockout.

## DEFINITIONS

### *Labour Force*

The civilian labour force is composed of that portion of the civilian noninstitutional population 14 years of age and over who, during the reference week, were employed or unemployed.

### *Employed*

The employed includes all persons who, during the reference week:

- (a) did any work for pay or profit;
- (b) did any work which contributed to the running of a farm or business operated by a related member of the household; or
- (c) had a job, but were not at work, because of bad weather, illness, industrial dispute, or vacation, or because they were taking time off for other reasons.

Persons who had jobs but did not work during the reference week and who also looked for work are included in the unemployed as persons without work and seeking work.

### *Not in the Labour Force*

Those not in the labour force include all civilians 14 years of age and over (exclusive of institutional population) who are not classified as employed or unemployed. This category includes those: going to school; keeping house; too old or otherwise unable to work; and voluntarily idle or retired. Housewives, students and others who worked part-time are classified as employed. If they looked for work they are classified as unemployed.

### *Participation Rate*

The participation rate represents the labour force as a percentage of the population 14 years of age and over. The participation rate for a particular group (age, sex, marital status, etc.) is the labour force in that group expressed as a percentage of the population for that group. Seasonally-adjusted participation rates are obtained by direct adjustment (i.e. by dividing the unadjusted participation rate by the seasonal factor).

### *Industrial Composite*

Represents the sum of the industries included in the mail survey of the Labour Division of Statistics Canada.

*Unemployment Rate*

The unemployment rate represents the number of unemployed persons as a per cent of the labour force. The unemployment rate for a particular group (age, sex, marital status, etc.) is the unemployment in that group expressed as a per cent of the labour force for that group. Seasonally-adjusted rates are calculated by dividing seasonally-adjusted unemployment by the sum of seasonally-adjusted employment and seasonally-adjusted unemployment (i.e. seasonally-adjusted labour force by summation).

*Unemployed*

The unemployed includes all persons who, through the reference week:

- (a) were without work and seeking work, i.e., did not work during the reference week and were looking for work; or would have been looking for work except that they were temporarily ill, were on indefinite or prolonged layoff, or believed no suitable work was available in the community; or
- (b) were temporarily laid off for the full week, i.e., were waiting to be called back to a job from which they had been laid off for less than 30 days.

*The Unemployed: Family Data*

A family unit is defined as "a group of two or more persons who are living together in the same dwelling and who are related by blood, marriage or adoption". A person living alone or who is related to no one else in the dwelling where he lives is classified as "Non-members of family units". The head of a family unit is defined generally as the person who is mainly responsible for the maintenance of the unit. However, in families consisting of husband and wife (with or without unmarried children), the husband is designated as the head. In families composed of parent and unmarried child (or children), the parent invariably is recorded as the head of the unit.

*Job Vacancy, Current Full-Time*

Vacancies for jobs with minimum duration of four full standard work weeks or full standard work month.

*Own Account Workers*

Self-employed workers having no employees under them.

*AFL-CIO*

American Federation of Labor - Congress of International Organizations.

*CLC*

Canadian Labour Congress.



*CSD*

La Centrale des Syndicats Democratiques.

*CNTU*

Confederation of National Trade Unions.

*PSAC*

Public Service Alliance of Canada.

*International Union*

A union having headquarters, executive personnel and preponderant membership in the United States.

*National Union*

Includes national and regional labour unions with headquarters in Canada.

*Government Employees' Organizations*

Refer to federal and provincial levels of government having bargaining rights covered by legislation.



Table 10.1

POPULATION AND LABOUR FORCE GROWTH AND RATIOS, CANADA AND ONTARIO,  
CENSUS YEARS, 1951 - 1971, PROJECTED 1976 - 2001

	Annual Average Growth	Population		Labour Force		
		Total	% Growth 5 yr.	Total	% Growth 5 yr.	% Lab Force of Pop.
<u>CANADA</u>						
1951	1951-1961	14,009,529	...	5,276,639	...	37.7
		422,900		118,200		
1961	1961-1966	18,238,247	...	6,458,156	...	35.4
		355,300		214,800		
1966	1966-1971	20,014,880	9.7	7,532,000	16.6	37.6
		310,700		256,300		
1971	1971-1976	21,568,311	7.8	8,813,345	17.0	40.9
		316,800		213,200		
1976	1976-1981	23,152,200	7.3	9,879,400	12.1	42.7
		354,900		231,900		
1980		24,560,400	...	10,821,900	...	44.1
1981	1981-1986	24,926,600	7.7	11,038,700	11.7	44.3
		371,500		175,500		
1986	1986-1991	26,784,300	7.5	11,916,400	8.0	44.5
		347,900		147,400		
1991	1991-1996	28,523,800	6.5	12,653,300	6.2	44.4
		303,800		177,400		
1996	1996-2001	30,042,900	5.3	13,540,400	7.0	45.1
		285,200		205,100		
2000		31,189,100	...	14,361,000	...	46.0
2001		31,469,000	4.8	14,565,700	7.6	46.3

Table 10.1 (cont'd)

	Annual Average Growth	Population		Labour Force		
		Total	% Growth 5 yr.	Total	% Growth 5 yr.	% Lab Force of Pop.
<u>ONTARIO</u>						
1951	1951-1961	4,597,542	...	1,882,505	...	40.9
		163,900		41,100		
1961	1961-1966	6,236,092	...	2,293,015	...	38.4
		144,900		103,800		
1966	1966-1971	6,960,870	11.6	2,811,900	22.6	40.4
		148,400		119,800		
1971	1971-1976	7,703,106	10.7	3,410,830	21.3	44.3
		149,600		65,700		
1976	1976-1981	8,450,900	9.7	3,739,300	9.6	44.2
		161,900		95,700		
1980		9,094,900	...	4,126,400	...	45.4
1981	1981-1986	9,260,400	9.6	4,217,600	12.8	45.5
		167,500		78,400		
1986	1986-1991	10,098,000	9.0	4,609,400	9.3	45.6
		160,100		72,500		
1991	1991-1996	10,898,500	7.9	4,971,400	7.9	45.6
		146,100		79,800		
1996	1996-2001	11,628,900	6.7	5,370,300	8.0	46.2
		137,900		84,500		
2000		12,181,800	...	5,709,100	...	46.9
2001		12,318,500	5.9	5,792,900	7.9	47.0

Source: Municipality of Metropolitan Toronto Planning Department, Metroplan, Projections: - to 2001, Population, Housing, Employment, January, 1975.

Table 10.2

EMPLOYMENT AS A PERCENTAGE OF POPULATION 14 YEARS OF AGE AND OVER,<sup>1</sup>  
CANADA AND ONTARIO, 1953 - 1974

	Canada	Ontario
1953	51.5	54.1
1954	50.5	53.8
1955	50.6	54.0
1956	51.7	55.6
1957	51.5	55.3
1958	50.1	53.4
1959	50.6	53.7
1960	50.4	53.9
1961	50.2	53.5
1962	50.7	53.8
1963	50.9	54.4
1964	51.6	55.1
1965	52.3	55.3
1966	53.1	55.7
1967	53.2	55.7
1968	52.8	55.7
1969	53.1	56.1
1970	52.5	55.5
1971	52.5	55.3
1972	52.9	56.2
1973	54.3	57.3
1974	55.2	58.2

1) Excludes inmates of institutions, members of the armed services, Indians living on reserves and residents of the Yukon and Northwest Territories.

Source: SC, The Labour Force Survey Division.

Table 10.3  
PARTICIPATION RATES BY SEX, CANADA AND ONTARIO, 1953 - 1974

	Total		Male		Female	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	per cent					
1953	53.1	55.2	82.9	85.2	23.4	25.9
1954	52.9	55.9	82.2	85.2	23.7	27.1
1955	52.9	55.7	82.1	84.5	23.9	27.5
1956	53.5	56.9	82.2	85.0	24.9	29.4
1957	54.0	57.2	82.3	84.8	25.8	30.1
1958	53.9	56.4	81.7	84.3	26.2	29.1
1959	53.8	56.2	81.0	83.6	26.7	29.6
1960	54.2	57.0	80.7	83.2	27.9	31.4
1961	54.1	56.7	79.8	82.1	28.7	31.9
1962	53.9	56.3	79.1	81.4	29.0	31.9
1963	53.8	56.5	78.5	81.2	29.6	32.5
1964	54.1	57.0	78.1	80.6	30.5	34.0
1965	54.4	56.7	77.9	80.0	31.3	34.1
1966	55.1	57.2	77.8	79.7	32.8	35.2
1967	55.5	57.6	77.5	79.4	33.8	36.3
1968	55.5	57.7	77.0	79.2	34.4	36.9
1969	55.8	58.0	76.6	78.8	35.2	37.8
1970	55.8	58.0	76.4	78.5	35.5	38.1
1971	56.1	58.3	76.1	77.8	36.5	39.3
1972	56.5	59.1	76.2	78.3	37.1	40.3
1973	57.5	59.7	76.8	78.4	38.7	41.6
1974	58.3	60.7	77.3	78.8	39.7	43.0

Source: SC, Historical Labour Force Statistics.

Table 10.4  
PARTICIPATION RATES BY AGE GROUP, ONTARIO, 1956 - 1974

	Total	14 - 19	20 - 24	25 - 44	45 - 64	65+
	per cent					
1956	56.9	44.4	71.8	64.4	60.5	21.6
1957	57.2	42.9	70.7	65.0	61.8	21.8
1958	56.4	38.9	70.7	64.5	61.8	20.4
1959	56.2	39.1	69.0	64.9	61.9	19.7
1960	57.0	39.3	69.4	66.0	63.3	19.4
1961	56.7	36.0	69.9	66.0	64.0	18.8
1962	56.3	35.4	68.8	66.1	64.1	18.5
1963	56.5	36.6	69.6	66.5	64.8	17.1
1964	57.0	35.4	70.8	67.4	65.4	18.4
1965	56.7	34.7	70.3	67.5	65.8	17.3
1966	57.2	35.0	71.9	68.4	65.8	16.8
1967	57.6	35.7	72.0	69.0	66.3	15.5
1968	57.7	36.0	72.1	69.3	66.2	15.5
1969	58.0	34.6	72.5	70.5	66.0	14.8
1970	58.0	35.5	71.5	70.5	66.4	13.8
1971	58.3	36.4	72.1	71.4	65.9	12.8
1972	59.1	37.9	74.2	72.6	65.6	11.6
1973	59.7	40.2	74.1	73.1	66.4	10.9
1974	60.7	42.9	76.0	74.3	66.1	10.1

Source: SC, The Labour Force Survey Division.





Table 10.6

NON-AGRICULTURAL LABOUR FORCE, BY REGION, CANADA, 1964 - 1974

	Canada	Ontario	Atlantic Region	Quebec	Prairie Region	British Columbia
			Annual Averages '000's			
1964	6,292	2,394	548	1,832	901	616
1965	6,540	2,461	577	1,903	955	644
1966	6,869	2,577	593	2,007	1,007	684
1967	7,129	2,685	605	2,080	1,023	736
1968	7,363	2,788	615	2,103	1,087	770
1969	7,618	2,893	627	2,180	1,106	812
1970	7,850	2,994	632	2,219	1,151	854
1971	8,108	3,111	652	2,292	1,167	885
1972	8,400	3,261	678	2,326	1,208	927
1973	8,803	3,384	721	2,452	1,266	981
1974	9,179	3,548	754	2,529	1,310	1,038

Source: SC, Labour Force Survey Division.

Table 10.7  
AGRICULTURAL AND NON-AGRICULTURAL LABOUR FORCE BY SEX AND BY AGE GROUP,  
CANADA AND ONTARIO, 1964 - 1974

Labour Force	1964		1965		1966		1967	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Annual Averages '000's							
Total	6,933	2,556	7,141	2,614	7,420	2,719	7,694	2,834
Agriculture	641	162	602	153	551	142	566	149
Non-agriculture	6,292	2,394	6,540	2,461	6,869	2,577	7,129	2,685
Male	4,961	1,780	5,065	1,817	5,193	1,869	5,329	1,929
Agriculture	572	140	529	132	483	120	493	123
Non-agriculture	4,389	1,640	4,536	1,684	4,710	1,749	4,836	1,805
Female	1,972	776	2,076	798	2,227	850	2,365	906
Agriculture	69	22	72	21	68	22	73	26
Non-agriculture	1,903	754	2,004	777	2,159	828	2,293	880
All ages	6,933	2,556	7,141	2,614	7,420	2,719	7,694	2,834
14-19 years	700	231	738	240	778	254	816	270
20-24 years	878	284	935	298	1,019	328	1,090	357
25-44 years	3,064	1,158	3,107	1,174	3,188	1,210	3,281	1,252
45-64 years	2,068	788	2,139	814	2,212	838	2,290	872
65 years and over	224	94	222	90	224	89	217	84

Table 10.7 (cont'd)

	1968		1969		1970		1971	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Annual Averages '000's							
Total	7,919	2,934	8,162	3,032	8,374	3,130	8,631	3,249
Agriculture	556	146	545	139	524	135	523	138
Non-agriculture	7,363	2,788	7,618	2,893	7,850	2,994	8,108	3,111
Male	5,443	1,984	5,560	2,032	5,684	2,089	5,800	2,138
Agriculture	485	120	469	115	454	113	450	114
Non-agriculture	4,958	1,864	5,091	1,916	5,229	1,975	5,350	2,024
Female	2,476	951	2,602	1,000	2,690	1,041	2,831	1,110
Agriculture	71	26	76	24	70	22	73	23
Non-agriculture	2,405	925	2,527	976	2,620	1,019	2,758	1,087
All ages	7,919	2,934	8,162	3,032	8,374	3,130	8,631	3,249
14-19 years	834	282	840	279	861	296	895	314
20-24 years	1,164	385	1,240	412	1,286	430	1,353	455
25-44 years	3,356	1,284	3,465	1,334	3,558	1,368	3,671	1,428
45-64 years	2,347	898	2,406	922	2,462	955	2,520	976
65 years and over	218	86	212	84	206	80	191	76

Table 10.7 (cont'd)

	1972		1973		1974	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Annual Averages '000's					
Total						
Agriculture	8,891	3,381	9,279	3,509	9,662	3,671
Non-agriculture	491	120	475	124	483	123
	8,400	3,261	8,803	3,384	9,179	3,548
Male						
Agriculture	5,938	2,211	6,127	2,270	6,338	2,352
Non-agriculture	415	98	404	103	404	100
	5,523	2,113	5,724	2,167	5,933	2,252
Female						
Agriculture	2,953	1,169	3,152	1,238	3,324	1,318
Non-agriculture	76	22	72	21	72	23
	2,877	1,148	3,080	1,217	3,246	1,296
All ages						
14-19 years	8,891	3,381	9,279	3,509	9,662	3,671
20-24 years	952	336	1,041	366	1,131	402
25-44 years	1,407	484	1,477	494	1,545	523
45-64 years	3,807	1,492	3,962	1,548	4,158	1,631
65 years and over	2,546	997	2,620	1,032	2,649	1,050
	179	71	179	68	178	65

Source: SC, Labour Force Survey Division.

Table 10.8  
LABOUR FORCE BY AGE GROUP, ONTARIO, 1950 - 1974

	14 - 19			20 - 24			25 - 44			45 - 64			65+			Total
	Number	Total	% of	Number	Total	% of	Number	Total	% of	Number	Total	% of	Number	Total	% of	
	'000's			'000's			'000's			'000's			'000's			'000's
1950	175	9.6		243	13.3		812	44.5		505	27.7		91	5.0		1,826
1951	179	9.6		244	13.0		841	45.0		518	27.7		89	4.8		1,870
1952	174	9.1		242	12.7		876	45.9		526	27.6		92	4.8		1,908
1953	169	8.7		246	12.6		903	46.4		542	27.8		88	4.5		1,948
1954	177	8.8		245	12.1		946	46.8		564	27.9		89	4.4		2,022
1955	178	8.6		244	11.9		975	47.4		575	27.9		86	4.2		2,059
1956	184	8.6		250	11.6		1,014	47.2		604	28.1		95	4.4		2,147
1957	187	8.4		256	11.4		1,062	47.5		635	28.4		98	4.4		2,238
1958	178	7.9		261	11.5		1,079	47.7		653	28.8		93	4.1		2,264
1959	190	8.3		256	11.1		1,095	47.6		669	29.1		92	4.0		2,301
1960	201	8.5		259	10.9		1,124	47.3		701	29.5		92	3.9		2,377
1961	193	8.0		263	11.0		1,128	47.0		725	30.2		91	3.8		2,401
1962	202	8.3		260	10.7		1,128	46.6		741	30.6		91	3.8		2,422
1963	223	9.0		268	10.8		1,135	45.8		764	30.9		86	3.5		2,476
1964	231	9.0		284	11.1		1,158	45.3		788	30.8		94	3.7		2,556
1965	240	9.2		298	11.4		1,174	44.9		814	31.1		90	3.4		2,614
1966	254	9.3		328	12.1		1,210	44.5		838	30.8		89	3.3		2,719
1967	270	9.5		357	12.6		1,252	44.2		872	30.8		84	3.0		2,834
1968	282	9.6		385	13.1		1,284	43.8		898	30.6		86	2.9		2,934
1969	279	9.2		412	13.6		1,334	44.0		922	30.4		84	2.8		3,032
1970	296	9.5		430	13.7		1,368	43.7		955	30.5		80	2.6		3,130
1971	314	9.7		455	14.0		1,428	44.0		976	30.0		76	2.3		3,249
1972	336	9.9		484	14.3		1,492	44.1		997	29.5		71	2.1		3,381
1973	366	10.4		494	14.1		1,548	44.1		1,032	29.4		68	1.9		3,509
1974	402	11.0		523	14.2		1,631	44.4		1,050	28.6		65	1.8		3,671

Source: SC, The Labour Force.

Table 10.9  
LABOUR FORCE BY INDUSTRY AND OCCUPATION, ONTARIO, 1966 - 1974

	1966	1967	1968	1969	1970	1971	1972	1973	1974
	Annual Averages '000's								
ALL INDUSTRIES	2,719	2,834	2,934	3,032	3,130	3,249	3,381	3,509	3,671
Primary industries	194	198	196	189	191	198	181	179	178
Manufacturing	845	862	867	889	881	884	922	962	990
Construction	184	181	193	198	205	218	213	229	246
Transportation and other utilities	198	208	217	228	232	240	252	264	266
Trade	422	445	464	484	500	506	547	568	606
Service (including finance)	866	928	982	1,030	1,100	1,176	1,244	1,291	1,367
Never worked	8	11	15	14	20	28	21	16	17
ALL OCCUPATIONS	2,719	2,834	2,934	3,032	3,130	3,249	3,381	3,509	..
Office and professional	1,226	1,275	1,346	1,411	1,492	1,555	1,611	1,704	..
Transportation	114	118	117	124	130	136	141	146	..
Service and Recreation	281	301	319	330	329	353	381	395	..
Primary	178	183	177	167	169	174	160	164	..
Craftsmen	773	817	826	844	836	842	901	955	..
Labourers	139	129	135	141	154	162	166	130	..
Never worked	8	11	15	14	20	28	21	16	..

Source: SC, Labour Force Survey Division.



Table 10.10  
 AVERAGE WEEKLY HOURS WORKED IN MANUFACTURING,  
 CANADA AND ONTARIO, 1961 - 1974

	Canada	Ontario	
1961	40.6	40.5	
1962	40.7	40.8	
1963	40.8	40.9	
1964	41.0	41.2	
1965	41.0	41.1	
1966	40.8	40.8	
1967	40.3	40.3	
1968	40.3	40.4	
1969	40.0	40.1	
1970	39.7	39.8	
1971	39.7	39.8	
1972	40.0	40.2	
1973	39.6	40.0	
1974	38.8	39.2	
Seasonally Adjusted Monthly Data <sup>1</sup>			
1973 <sup>p</sup>	January	40.2	40.5
	February	40.2	40.6
	March	40.1	40.5
	April	39.4	39.9
	May	39.8	40.2
	June	39.6	40.1
	July	39.2	39.1
	August	39.2	39.3
	September	39.4	39.9
	October	39.4	39.9
	November	39.6	39.9
	December	39.6	39.8
1974 <sup>p</sup>	January	39.7	39.8
	February	39.4	39.5
	March	39.4	39.7
	April	38.9	39.3
	May	39.0	39.3
	June	38.7	39.1
	July	38.9	39.2
	August	38.7	38.9
	September	38.5	39.0
	October	38.7	39.1
	November	38.6	39.0
	December	36.5	38.7

1) Average Hours in Manufacturing adjusted by Statistics Canada.  
 Source: SC, Employment, Earnings and Hours.

Table 10.11  
AVERAGE WEEKLY HOURS WORKED AND AVERAGE HOURLY EARNINGS IN MANUFACTURING,  
BY SELECTED URBAN AREA,<sup>1</sup> ONTARIO, 1971 - 1974

	Average Weekly Hours Worked in Manufacturing				Average Hourly Earnings in Manufacturing			
	Average 1974 <sup>p</sup>		Per Cent Change		Average 1974 <sup>p</sup>		Per Cent Change	
	Number	74/73	73/72	72/71	\$	74/73	73/72	72/71
Toronto (metro)	39.3	-2.0	-1.2	1.2	4.31	12.2	7.9	7.9
Hamilton (metro)	38.8	-1.5	-0.8	1.3	4.95	10.0	8.7	8.9
Ottawa	38.9	-1.0	-1.0	-	4.50	12.8	7.0	9.1
London (metro)	38.8	-1.0	-1.0	1.0	4.50	14.2	8.8	8.4
Windsor (metro)	40.9	-4.0	0.9	3.4	5.64	8.9	10.0	9.5
Kitchener (metro)	38.5	-2.3	0.5	-0.5	4.03	10.4	8.3	8.7
St. Catharines	40.3	-1.7	-0.2	0.5	5.51	11.8	10.0	6.2
Thunder Bay (metro)	38.6	-	-0.3	1.0	5.16	12.4	11.1	7.3
Oshawa	40.1	-1.0	-0.7	0.7	5.53	9.9	10.1	8.6
Niagara Falls	40.2	-0.2	0.2	1.3	4.46	9.6	8.8	7.8
Brantford	38.8	-1.8	0.3	1.3	4.51	14.8	12.3	10.1
Guelph	38.5	-2.3	0.3	-	4.11	13.2	7.1	6.6
Kingston	39.9	-2.2	-0.5	1.2	4.74	13.4	8.6	6.6
Peterborough	40.2	-0.2	-	0.8	4.70	11.9	7.4	6.0
Sarnia	40.7	-2.4	0.5	11.6	5.79	10.9	7.9	9.5
North Bay	39.6	-2.2	-1.0	1.0	4.33	10.7	7.7	9.7
Cornwall	40.0	-3.1	0.5	-0.7	4.29	17.2	8.6	6.3
Welland	40.1	-1.2	0.2	0.7	5.03	10.5	7.8	8.5
Brampton	39.4	-1.5	-0.3	2.6	4.47	12.6	9.1	10.3
TOTAL, Ontario	39.2	-2.0	-0.5	1.0	4.54	11.8	8.6	7.8

<sup>1</sup> Urban areas may also include satellite communities.

Source: SC, Employment, Earnings and Hours.

Table 10.12

EMPLOYMENT INDEX NUMBERS BY INDUSTRY, BY SELECTED URBAN AREA, CANADA AND ONTARIO,  
1961 - 1974

	1961	1962	1963	1964	1965	1966	1967
	Annual Averages (1961 = 100)						
INDUSTRIAL COMPOSITE							
Canada	100.0	102.2	104.4	108.2	114.3	121.2	122.6
Ontario	100.0	103.0	105.4	110.1	116.5	123.3	125.1
Toronto	100.0	102.9	105.8	110.5	115.8	123.6	126.0
Hamilton	100.0	104.1	107.3	113.4	119.8	123.7	120.8
Kingston	100.0	99.7	105.6	114.9	122.0	125.2	121.7
London	100.0	104.2	108.4	113.2	118.8	124.0	124.3
Ottawa-Hull	100.0	102.3	103.2	106.1	111.5	117.4	123.5
Thunder Bay	100.0	99.0	100.6	105.0	116.2	126.1	126.9
Windsor	100.0	98.8	105.5	116.8	132.7	149.3	149.3
FORESTRY							
Canada	100.0	99.5	96.9	102.8	104.1	106.2	102.3
Ontario	100.0	102.9	105.9	103.4	103.9	106.0	102.9
MINING, INCLUDING MILLING							
Canada	100.0	99.4	97.9	98.8	105.1	107.0	109.1
Ontario	100.0	95.2	88.9	87.6	90.3	89.3	93.6
MANUFACTURING							
Canada	100.0	103.8	106.1	111.1	117.2	123.5	123.1
Ontario	100.0	104.8	108.6	114.6	121.9	129.4	128.9
Toronto	100.0	104.0	107.1	111.3	116.3	124.8	125.3
Hamilton	100.0	106.1	110.4	116.6	123.7	127.1	121.6
Kingston	100.0	100.0	103.2	108.8	115.2	120.3	115.6
London	100.0	105.7	108.4	113.1	116.5	122.7	121.1
Ottawa-Hull	100.0	105.0	106.3	109.6	113.6	118.9	122.5
Thunder Bay	100.0	106.3	106.9	112.8	123.1	135.3	136.5
Windsor	100.0	98.5	106.1	121.6	140.7	159.1	155.2
CONSTRUCTION							
Canada	100.0	101.1	100.0	104.1	118.4	128.9	122.6
Ontario	100.0	99.4	97.1	98.7	110.9	121.8	119.2
Toronto	100.0	102.7	104.4	112.3	119.9	138.0	136.2
Hamilton	100.0	103.6	98.3	102.7	113.8	115.5	106.3
London	100.0	110.8	113.6	129.6	149.2	157.6	162.6
Ottawa-Hull	100.0	104.2	102.9	106.1	110.3	118.9	127.0
Windsor	100.0	89.8	93.4	112.2	139.2	161.2	152.6

Table 10.12 (cont'd)

	1961	1962	1963	1964	1965	1966	1967
	Annual Averages (1961 = 100)						
TRANSPORTATION, COMMUNICATION AND OTHER UTILITIES							
Canada	100.0	99.7	100.7	101.8	104.8	107.5	110.9
Ontario	100.0	100.5	101.3	102.3	105.3	107.5	110.6
Toronto	100.0	100.2	101.0	102.5	107.2	110.1	114.6
Hamilton	100.0	98.7	101.1	102.1	106.0	102.9	103.6
London	100.0	97.8	102.1	105.2	113.5	110.1	105.3
Ottawa-Hull	100.0	102.6	103.5	101.9	103.2	105.8	110.5
Thunder Bay	100.0	95.6	100.1	107.4	106.6	114.4	111.6
Windsor	100.0	93.0	101.2	101.6	106.1	116.4	121.7
TRADE							
Canada	100.0	101.2	103.5	108.1	114.3	123.7	125.2
Ontario	100.0	101.4	103.7	108.9	113.9	121.4	125.0
Toronto	100.0	103.2	104.7	109.8	113.5	120.0	120.6
Hamilton	100.0	99.7	102.6	112.6	117.3	124.5	128.4
London	100.0	100.7	109.3	109.6	113.2	117.1	121.4
Ottawa-Hull	100.0	100.6	102.6	104.9	108.7	115.1	121.8
Thunder Bay	100.0	98.8	99.0	100.4	108.6	117.8	121.2
Windsor	100.0	99.7	105.4	109.6	120.6	130.5	137.6
FINANCE, INSURANCE AND REAL ESTATE							
Canada	100.0	103.2	107.6	111.9	116.6	120.5	126.0
Ontario	100.0	102.5	105.6	109.5	114.2	118.4	125.1
Toronto	100.0	101.9	104.9	108.6	112.0	117.5	125.1
Hamilton	100.0	100.6	103.5	108.7	112.6	116.3	120.4
London	100.0	103.1	106.9	111.8	118.0	125.8	130.5
Ottawa-Hull	100.0	104.3	107.9	109.1	112.6	116.2	120.1
SERVICE							
Canada	100.0	101.7	106.1	114.7	125.9	139.1	153.0
Ontario	100.0	102.2	107.9	116.4	126.9	139.5	149.9
Toronto	100.0	103.4	109.1	118.6	128.2	139.8	149.7
Hamilton	100.0	100.0	101.2	105.8	114.0	124.2	131.6
London	100.0	102.4	110.2	126.5	134.1	144.2	143.8
Ottawa-Hull	100.0	100.8	104.9	111.0	122.5	133.5	145.8
Windsor	100.0	100.6	108.8	117.9	128.3	161.7	176.2

Table 10.12 (cont'd)

	1968	1969	1970	1971P	1972P	1973P	1974P
	Annual Averages (1961 = 100)						
INDUSTRIAL COMPOSITE							
Canada	122.7	126.9	127.1	127.8	129.9	135.9	142.8
Ontario	126.1	131.0	131.6	132.1	134.2	141.2	147.5
Toronto	128.2	134.3	135.1	135.5	139.0	147.2	154.5
Hamilton	119.8	121.2	124.0	123.6	123.9	129.8	136.5
Kingston	123.0	128.3	125.6	122.5	124.2	130.0	138.0
London	121.3	125.2	124.4	123.8	128.3	132.4	138.5
Ottawa-Full	128.6	137.7	140.6	143.1	146.8	156.9	168.5
Thunder Bay	119.6	124.2	125.6	135.5	137.5	137.9	145.6
Windsor	149.6	152.7	149.9	150.0	153.4	160.4	159.8
FORESTRY							
Canada	91.1	88.7	84.2	79.4	76.3	36.4	87.4
Ontario	90.0	90.7	84.7	73.7	68.0	79.1	84.5
MINING, INCLUDING MILLING							
Canada	109.8	107.9	115.7	114.8	110.4	111.4	115.5
Ontario	95.3	84.3	96.3	98.2	88.0	83.4	85.2
MANUFACTURING							
Canada	122.1	125.2	122.8	121.6	123.7	129.9	133.9
Ontario	127.2	130.6	127.6	126.0	128.6	135.4	139.1
Toronto	123.6	127.8	124.4	121.8	124.3	128.9	133.0
Hamilton	119.5	118.4	120.2	117.1	119.1	124.8	129.7
Kingston	113.6	117.7	108.7	102.1	105.9	109.8	113.9
London	114.6	115.9	107.3	106.4	115.3	119.3	123.9
Ottawa-Full	120.3	126.8	125.1	109.9	108.3	112.6	120.8
Thunder Bay	129.2	132.5	124.7	132.0	133.7	132.8	141.1
Windsor	153.6	156.1	148.6	148.8	154.4	164.0	157.7
CONSTRUCTION							
Canada	119.4	119.1	113.9	115.5	109.7	109.9	117.1
Ontario	123.3	123.6	124.7	123.2	112.8	112.8	118.2
Toronto	148.7	151.8	156.9	151.2	137.6	139.0	142.8
Hamilton	105.5	92.9	112.3	127.3	97.1	102.2	118.9
London	152.9	152.0	152.1	146.5	132.5	119.4	125.0
Ottawa-Full	133.9	137.9	129.3	142.1	128.7	134.8	135.4
Windsor	159.3	149.8	143.6	119.6	125.0	112.5	131.3

Table 10.12 (cont'd)

	1968	1969	1970	1971 <sup>p</sup>	1972 <sup>p</sup>	1973 <sup>p</sup>	1974 <sup>p</sup>
TRANSPORTATION, COMMUNICATION, AND OTHER UTILITIES							
Canada	109.5	111.9	112.6	114.6	116.0	118.0	124.6
Ontario	109.4	112.9	114.0	116.0	117.1	121.7	126.7
Toronto	116.2	122.5	126.7	129.6	131.4	140.5	147.3
Hamilton	100.4	106.3	104.5	103.2	108.6	108.4	110.3
London	105.6	114.3	116.0	117.2	115.7	119.5	128.0
Ottawa-Full	114.3	120.8	129.2	133.2	141.3	154.8	170.1
Thunder Bay	102.7	108.1	125.8	149.8	138.7	130.3	128.1
Windsor	121.1	120.5	119.3	125.9	124.3	130.6	142.2
TRADE							
Canada	129.4	136.6	139.3	140.3	146.2	155.3	165.7
Ontario	130.4	140.1	144.0	145.3	150.9	161.0	171.4
Toronto	124.6	132.3	135.9	136.4	142.6	154.2	163.3
Hamilton	130.3	139.9	138.4	139.9	139.5	147.0	157.9
London	122.2	126.3	130.3	126.7	132.1	138.5	144.2
Ottawa-Full	131.1	141.6	145.6	147.8	154.2	162.9	171.4
Thunder Bay	118.7	121.1	124.9	122.4	126.1	139.5	144.3
Windsor	142.4	149.3	156.8	155.7	159.8	152.9	155.8
FINANCE, INSURANCE AND REAL ESTATE							
Canada	131.4	130.8	143.6	145.9	148.7	157.1	167.3
Ontario	131.5	139.0	144.6	147.2	150.0	159.9	169.9
Toronto	133.2	142.2	148.7	152.9	159.1	172.5	183.6
Hamilton	131.0	143.8	156.2	166.6	164.5	169.5	181.9
London	131.1	141.0	150.9	152.6	153.5	155.0	158.5
Ottawa-Full	123.8	131.1	133.5	137.7	141.3	153.4	163.2
SERVICE							
Canada	157.8	171.8	178.5	186.4	193.5	206.1	224.9
Ontario	158.0	172.1	180.6	190.6	198.3	212.0	229.4
Toronto	156.9	166.5	173.8	183.6	196.2	210.4	228.2
Hamilton	131.6	138.5	150.1	158.5	160.0	169.1	179.7
London	148.4	161.4	172.1	180.9	180.7	196.0	213.7
Ottawa-Full	160.3	179.9	192.6	220.9	236.4	257.2	284.5
Windsor	188.5	211.2	228.9	235.3	239.0	247.5	252.7

Source: SC, Employment, Earnings and Hours.

Table 10.13

EMPLOYMENT INDEX NUMBERS, INDUSTRIAL COMPOSITE, BY SELECTED URBAN AREA,<sup>1</sup> ONTARIO, 1970 - 1974

	Average 1974 <sup>p</sup>	Per Cent Change			
	1961=100	74/73	73/72	72/71	71/70
Toronto (metro)	154.5	5.0	5.9	2.6	0.3
Hamilton	136.5	5.2	4.8	0.2	-0.3
Ottawa - Hull	168.5	7.4	6.9	2.6	1.8
London	138.5	4.6	3.2	3.6	-0.5
Windsor	157.7	-1.7	4.6	2.3	0.1
Kitchener	181.0	4.5	6.1	4.9	1.3
St. Catharines	145.6	-0.3	7.0	-0.8	3.3
Thunder Bay	145.6	5.6	0.3	1.5	7.9
Oshawa	149.2	0.3	11.7	1.4	7.6
Sudbury	109.2	1.1	-7.5	-14.5	3.5
Sault Ste. Marie	136.0	7.2	3.2	-0.6	-0.2
Niagara Falls	125.7	4.1	5.0	-0.2	-0.7
Brantford	152.4	6.1	11.7	3.1	-4.6
Guelph	155.5	6.7	9.5	-2.6	-3.3
Kingston	138.0	6.2	4.7	1.3	-2.4
Peterborough	140.8	3.9	0.2	0.9	-4.0
Sarnia	144.2	6.6	3.3	2.6	-6.0
North Bay	134.7	10.2	2.6	-0.6	0.3
Cornwall	140.9	4.0	4.7	3.3	-1.7
Welland	112.2	4.8	1.5	-6.6	-2.2
Brampton	360.1	8.4	10.2	3.3	0.8
TOTAL, Ontario	147.5	4.5	5.2	1.6	0.4

<sup>1</sup>) Urban Areas represent incorporated municipalities.

Source: SC, Employment, Earnings and Hours.



Table 10.14

## ESTIMATED LABOUR COSTS, ALL EMPLOYEES

BY SELECTED INDUSTRY, ONTARIO<sup>1</sup>, SELECTED YEARS, 1970-1972

	Manufacturing 1971		Mines, Quarries, and Oil Wells 1972	
	\$	%	\$	%
DIRECT PAYMENTS TO EMPLOYEES				
Pay for time worked:				
Basic pay for regular work	7,194	75.2	7,893	71.7
Overtime (straight time pay)	295	3.1	198	1.8
Premium pay	239	2.5	658	6.0
Overtime and holiday work	144	1.5	99	0.9
Shift work	65	0.7	64	0.6
Other	30	0.3	495	4.5
Total pay for time worked	7,728	80.7	8,750	79.5
Pay for time not worked:				
Holiday pay	453	3.2	298	2.7
Vacation pay	309	4.7	602	5.5
Sick leave pay	26	0.3	28	0.3
Personal or other pay	8	0.1	6	0.1
Total paid absence	796	8.3	935	8.5
Miscellaneous direct payments:				
Bonuses - Christmas, year-end, etc.	36	0.4	36	0.3
Separation pay	9	0.1	16	0.2
Taxable benefits and other payments	91	0.9	207	1.9
Total miscellaneous direct payments	136	1.4	259	2.4
Total (gross payroll)	8,659	90.4	9,944	90.3
EMPLOYER CONTRIBUTION TO EMPLOYEE WELFARE AND BENEFIT PLANS				
Workmen's compensation	91	1.0	239	2.2
Unemployment insurance	60	0.6	80	0.7
Canada Pension Plan	88	0.9	91	0.8
Life and health plans	428	4.5	406	3.7
Private life and health plans	210	2.2	226	2.1
S.U.B. <sup>2</sup> and other plans or funds	58	0.6	22	0.2
Total	936	9.7	1,065	9.7
TOTAL WAGE PACKAGE	9,595	100.0	11,009	100.0

	Finance, Insurance, and Real Estate 1970		Transportation Communication, and Other Utilities 1970	
	\$	%	\$	%
DIRECT PAYMENTS TO EMPLOYEES				
Pay for time worked:				
Basic pay for regular work	5,830	82.2	6,814	76.4
Overtime (straight time pay)	54	0.8	245	2.7
Premium pay	33	0.5	171	1.9
Overtime and holiday work	23	0.3	121	1.4
Shift work	2	--	30	0.3
Other	8	0.1	20	0.2
Total pay for time worked	5,917	83.4	7,230	81.1
Pay for time not worked:				
Holiday pay	217	3.1	271	3.0
Vacation pay	295	4.2	440	4.9
Sick leave pay	69	1.0	108	1.2
Personal or other pay	5	0.1	17	0.2
Total paid absence	586	8.3	836	9.4
Miscellaneous direct payments:				
Bonuses - Christmas, year-end, etc.	60	0.8	11	0.1
Separation pay	37	0.5	16	0.2
Taxable benefits and other payments	24	0.3	63	0.7
Total miscellaneous direct payments	121	1.7	90	1.0
Total (gross payroll)	6,625	93.4	8,158	91.5
EMPLOYER CONTRIBUTION TO EMPLOYEE WELFARE AND BENEFIT PLANS				
Workmen's compensation	2	--	56	0.6
Unemployment insurance	44	0.6	48	0.5
Canada Pension Plan	79	1.1	82	0.9
Life and health plans	282	3.9	496	5.6
Private life and health plans	55	0.8	69	0.8
S.U.B. <sup>2</sup> and other plans or funds	4	0.1	11	0.1
Total	466	6.6	762	8.5
TOTAL WAGE PACKAGE	7,091	100.0	8,920	100.0

1) For the latest available years.

2) Supplemental Unemployment Benefits.

Source: SC, Labour Division, Special Surveys and Quality Control Section.

Table 10.15  
EMPLOYMENT BY SEX, CANADA AND ONTARIO, 1953 - 1974

	Total		Male		Female	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Annual Averages '000's					
1953	5,235	1,907	4,063	1,452	1,172	456
1954	5,243	1,945	4,044	1,459	1,199	485
1955	5,364	1,993	4,128	1,490	1,236	503
1956	5,585	2,096	4,266	1,543	1,320	553
1957	5,731	2,161	4,329	1,580	1,402	582
1958	5,706	2,142	4,263	1,571	1,442	570
1959	5,870	2,198	4,363	1,603	1,507	596
1960	5,965	2,249	4,368	1,607	1,597	642
1961	6,055	2,269	4,381	1,608	1,674	662
1962	6,225	2,317	4,488	1,641	1,737	676
1963	6,375	2,382	4,567	1,678	1,808	704
1964	6,609	2,473	4,698	1,718	1,911	756
1965	6,862	2,548	4,842	1,768	2,020	780
1966	7,152	2,651	4,983	1,820	2,169	830
1967	7,379	2,745	5,083	1,864	2,296	881
1968	7,537	2,830	5,146	1,910	2,391	920
1969	7,780	2,936	5,272	1,965	2,508	972
1970	7,879	2,996	5,310	1,994	2,569	1,002
1971	8,079	3,079	5,392	2,021	2,687	1,058
1972	8,329	3,218	5,533	2,100	2,796	1,119
1973	8,759	3,366	5,767	2,179	2,992	1,188
1974	9,137	3,519	5,976	2,257	3,161	1,262

Source: SC, Historical Labour Force Statistics.

Table 10.16  
THE EMPLOYED BY INDUSTRY AND OCCUPATION, ONTARIO, 1966 - 1974

	1966	1967	1968	1969	1970	1971	1972	1973	1974
	Annual Averages '000's								
ALL INDUSTRIES	2,651	2,745	2,830	2,936	2,996	3,079	3,218	3,366	3,519
Primary industries	190	195	192	185	186	192	175	173	172
Manufacturing	826	836	838	862	843	840	883	929	950
Construction	174	165	174	182	182	191	188	207	225
Transportation and other utilities	193	201	211	222	226	231	242	255	258
Trade	415	435	452	472	483	484	527	550	586
Service (including finance)	853	912	962	1,013	1,076	1,141	1,202	1,253	1,327
ALL OCCUPATIONS	2,651	2,745	2,830	2,936	2,996	3,079	3,218	3,366	3,519
Office and professional	1,214	1,258	1,324	1,391	1,462	1,518	1,571	1,664	..
Transportation	109	113	112	120	124	128	134	139	..
Service and Recreation	274	292	308	320	318	336	362	378	..
Primary	175	180	172	163	164	168	154	157	..
Craftsmen	750	784	792	813	792	790	852	911	..
Labourers	129	118	122	129	136	141	146	116	..

Source: SC, The Labour Force Survey Division.

Table 10.17  
PROPORTION OF WOMEN IN MAJOR OCCUPATIONS,<sup>1</sup> ONTARIO, 1971

	Number of Women	Women as % of Total in Occupations	% of Total Women in Occupations
Managerial, Administration and Related Occupations	25,370	16.2	2.11
Occupations in Natural Sciences, Engineering, and Mathematics	7,690	7.3	0.64
Occupations in Social Science and Related Fields	12,805	39.1	1.06
Teaching and Related Occupations	76,325	59.4	6.35
Occupations in Medicine and Health	93,750	75.4	7.80
Artistic, Literary, Recreational and Related Occupations	9,860	28.9	0.82
Clerical and Related Occupations	413,950	70.1	34.42
Stenographic and Typing Occupations	138,450	97.3	11.51
Bookkeeping, Accounts-Receiveable and Related Occupations	125,580	78.0	10.44
Office Machine, Electronic Data Processing Equipment Operators	17,870	73.5	1.49
Material Receiving, Scheduling and Distributing Occupations	12,260	16.6	1.02
Library, File and Correspondence Clerks and Related Occupations	14,735	81.5	1.23
Receptionists, Information Clerks, Mail Messengers	40,050	64.2	3.33
Other Clerical and Related Occupations	65,020	60.0	5.41
Sales Occupations	102,800	32.1	8.55
Service Occupations	165,680	46.5	13.78
Food and Beverage Preparation and Related Service Occupations	64,390	65.5	5.35
Occupations in Lodging and Other Accommodations	14,320	65.8	1.19
Personal Service Occupations	38,920	75.1	3.24
Primary Industry Occupations	33,485	19.1	2.76
Processing Occupations	23,810	19.3	1.98
Machining and Related Occupations	9,925	7.8	0.83
Product Fabrication, Assembling and Repair Occupations	67,565	24.3	5.62
Transport Equipment Operating Occupations	4,005	3.3	0.33
Material Handling and Related Occupations	21,750	25.9	1.81
Printing and Related Occupations	5,165	21.5	0.43
Stationery Engineers and Utility Equipment Operators	95	0.6	0.01
Electrical Related Communication Equipment Operators	180	6.6	0.02
Other Crafts and Equipment Operator Occupations	900	35.6	0.07
Labourers	5,655	15.7	0.47
TOTAL	1,202,585	35.9	100.00

<sup>1</sup> Definition of Occupation: Refers to the kind of work the person was doing, as determined by his reporting of his kind of work, his description of his most important duties, and the job title. Data relate to the job at which the respondent worked the most hours (if he had more than one job). If he did not have a job during the week prior to enumeration, the data relate to the job of longest duration since January 1, 1970.

Source: Ontario Labour Resources

Table 10.18  
THE EMPLOYED BY CLASS OF WORKER, ONTARIO, 1966 - 1974

	Total	Paid Workers	Self-Employed		Total	Unpaid Fami- ly Workers
			Own Account Workers	Employers		
			'000's			
1966	2,651	2,337	140	125	265	49
1967	2,745	2,431	143	119	262	52
1968	2,831	2,518	135	121	256	57
1969	2,937	2,624	136	127	263	50
1970	2,995	2,688	135	123	258	49
1971	3,079	2,761	136	131	267	51
1972	3,218	2,907	130	138	268	43
1973	3,366	3,051	140	130	270	45
1974	3,518	3,193	144	136	280	45

Source: SC, Labour Force Survey Division.

Table 10.19  
UNEMPLOYMENT RATES BY AGE AND SEX, ONTARIO, 1956 - 1974

	Total					Male					Female				
	All ages	14- 19	20- 24	25- 44	45+ 44	All ages	14- 19	20- 24	25- 44	45+ 44	All ages	14- 19	20- 24	25- 44	45+ 44
	Annual Averages - Per Cent														
1956	2.4	4.3	3.2	2.0	2.1	2.8	5.8	3.8	2.2	2.7	1.2	1.2	1.2	1.2	1.2
1957	3.4	6.4	5.1	2.9	2.7	3.9	8.7	6.1	3.4	3.1	2.2	4.8	1.6	1.6	1.6
1958	5.4	11.2	8.0	4.6	4.2	6.2	13.5	10.9	5.3	4.8	3.2	8.1	1.6	2.4	2.4
1959	4.5	9.5	5.5	3.7	3.9	5.1	11.1	6.7	4.3	4.6	2.6	6.0	1.9	1.9	1.9
1960	5.4	11.4	6.9	4.5	4.5	6.2	14.5	9.0	5.3	5.3	3.0	7.8	2.4	2.4	2.4
1961	5.5	10.9	7.2	4.6	4.8	6.3	13.2	9.7	5.4	5.8	3.2	8.0	2.4	2.4	2.4
1962	4.3	9.9	5.4	3.5	3.8	4.9	10.7	6.8	3.8	4.5	3.0	7.9	2.4	2.4	2.4
1963	3.8	9.9	4.9	2.9	3.2	4.2	10.9	5.4	3.1	3.9	2.9	8.5	2.3	2.3	2.3
1964	3.2	8.7	3.9	2.4	2.7	3.5	9.9	5.2	2.5	3.1	2.7	7.9	2.2	2.2	2.2
1965	2.5	6.7	3.0	1.7	2.3	2.7	7.4	3.8	1.8	2.6	2.3	5.8	1.8	1.8	1.8
1966	2.5	6.7	3.4	1.7	2.2	2.6	7.0	3.5	1.7	2.4	2.4	5.4	1.7	1.7	1.7
1967	3.1	8.1	3.9	2.5	2.4	3.3	9.2	4.7	2.6	2.7	2.8	6.8	2.8	2.2	1.4
1968	3.5	9.2	4.7	2.6	2.6	3.7	10.0	4.8	2.9	2.9	3.2	8.2	3.8	2.4	2.1
1969	3.1	8.2	3.9	2.3	2.6	3.3	9.0	4.5	2.4	2.8	2.8	7.3	3.0	2.2	2.0
1970	4.3	10.8	6.0	3.2	3.0	4.5	11.9	7.5	3.5	3.2	3.7	9.4	4.0	2.6	2.5
1971	5.2	13.1	7.9	3.6	3.8	5.5	14.6	9.4	3.8	4.1	4.8	11.2	5.8	3.5	3.1
1972	4.8	11.3	7.6	3.4	3.5	5.1	12.8	8.8	3.5	3.8	4.4	9.5	5.9	3.3	2.7
1973	4.0	9.3	6.7	3.0	2.6	4.1	9.7	7.3	2.9	2.8	4.0	8.8	5.8	3.3	2.3
1974	4.1	9.2	6.5	3.1	2.7	4.0	9.9	7.0	2.8	2.9	4.3	8.3	5.8	3.8	2.2

1) Unemployed estimates less than 4,000.

Source: SC, Monthly Labour Force Survey.



Table 10.20

UNEMPLOYED PERSONS BY FAMILY STATUS, ONTARIO, 1966 - 1974

	Total Unemployed	Members of Family Units				Non-members of family units
		Total	Head of Units	Single sons or daughters	Other relatives	
Annual Averages '000's						
1966	69	62	27	22	14	6
1967	89	82	39	27	16	10
1968	104	95	39	36	20	11
1969	95	86	34	32	20	9
1970	134	120	49	45	25	13
1971	170	154	64	56	35	21
1972	162	143	55	54	34	20
1973	142	123	45	47	32	19
1974	152	132	48	50	34	20

*Source: SC, Labour Force Survey Division.*

Table 10.21  
UNEMPLOYED PERSONS BY OCCUPATION, CANADA AND ONTARIO, 1966 - 1973

	All Occupations	Office and Professional <sup>1</sup>	Service and Recreation	Trans- portation	Primary Industries <sup>2</sup>	Craftsmen	Labourer	Never Worked
			Annual Averages	'000's				
1966								
Canada	267	42	26	16	28	83	46	26
Ontario	69	12	7	4	4	24	10	8
1967								
Canada	315	52	31	20	27	108	45	32
Ontario	89	18	8	4	...	33	11	11
1968								
Canada	382	66	40	21	34	125	54	40
Ontario	104	22	10	4	5	35	13	15
1969								
Canada	382	70	42	22	33	121	48	46
Ontario	95	20	9	5	4	32	12	14
1970								
Canada	495	96	46	29	37	162	62	63
Ontario	134	30	11	7	5	43	17	20
1971								
Canada	552	113	60	29	39	168	70	74
Ontario	170	38	17	8	6	52	22	28
1972								
Canada	562	125	66	29	38	170	71	63
Ontario	162	40	18	7	6	50	20	21
1973								
Canada	520	127	63	28	36	157	56	54
Ontario	142	40	16	7	7	44	14	16

1) Includes managerial, professional and technical, clerical, sales, and communication.  
2) Includes farming, fishing, logging, and mining.  
Source: SC, Labour Force Survey Division.

Table 10.22

CURRENT FULL-TIME JOB VACANCIES BY SELECTED OCCUPATION,<sup>1</sup> CANADA AND ONTARIO, QUARTERLY, 1970 - 1974

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
CANADA, ALL OCCUPATIONS				
1970	..	..	33,600	21,500
1971	23,200	33,900	38,500	34,800
1972	37,800	46,200	79,000	70,200
1973	66,500	79,000	89,400	77,400
1974	80,000	98,700	116,200	71,200
ONTARIO, all occupations				
1970	..	..	13,800	9,700
1971	9,200	12,100	17,500	13,700
1972	12,400	18,400	35,100	28,900
1973	24,800	29,300	36,400	30,400
1974	31,700	37,900	48,900	..
Managerial, administrative and related				
1970	..	..	..	500
1971	500	400	600	500
1972	600	800	1,100	1,100
1973	800	800	1,200	1,500
1974	1,200	1,400	1,600	..
Natural sciences, engineering and mathematics				
1970	..	..	..	500
1971	700	1,200	800	600
1972	700	700	1,000	1,100
1973	1,800	1,400	1,400	3,400
1974	2,200	2,600	2,900	..
Medicine and health				
1970	..	..	..	300
1971	500	700	1,200	900
1972	600	1,000	800	1,100
1973	1,100	1,200	1,900	1,100
1974	1,300	1,700	2,100	..
Clerical and related				
1970	..	..	..	2,400
1971	2,000	2,700	2,900	2,300
1972	1,900	3,300	4,900	3,900
1973	4,500	3,900	4,900	4,200
1974	5,800	5,300	8,200	..

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
<b>Sales</b>				
1970	..	..	..	1,500
1971	1,100	1,100	2,900	2,000
1972	1,000	2,100	4,000	3,900
1973	2,400	2,700	2,500	2,100
1974	2,400	2,100	3,700	..
<b>Service</b>				
1970	..	..	..	300
1971	800	800	1,300	1,100
1972	1,400	1,500	4,400	3,400
1973	2,400	4,300	4,300	2,900
1974	2,900	4,700	4,600	..
<b>Machining and related</b>				
1970	..	..	..	700
1971	700	400	700	700
1972	1,000	1,300	2,100	3,200
1973	2,500	2,700	3,900	3,800
1974	3,800	4,900	4,000	..
<b>Product fabricating, assembling and repairing</b>				
1970	..	..	..	1,400
1971	800	1,100	2,200	2,700
1972	2,200	2,600	7,300	5,100
1973	4,100	5,300	6,500	4,600
1974	5,400	6,700	8,200	..
<b>Construction trades</b>				
1970	..	..	..	400
1971	200	1,000	1,800	700
1972	700	700	2,200	2,000
1973	900	1,600	2,700	1,200
1974	1,000	1,900	2,300	..

1) Occupations are based on the "Canadian Classification and Dictionary of Occupations 1971".  
Source: SC, Quarterly Report on Job Vacancies.

Table 10.23  
CURRENT FULL-TIME JOB VACANCIES BY SELECTED INDUSTRY, CANADA AND ONTARIO, QUARTERLY, 1970 - 1974

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
CANADA, ALL INDUSTRIES <sup>1</sup>				
1970	..	..	33,600	21,500
1971	23,200	33,900	38,500	34,800
1972	37,800	46,200	79,000	70,200
1973	66,500	79,000	89,400	77,400
1974	80,000	98,700	116,200	..
ONTARIO, all industries				
1970	..	..	13,800	9,700
1971	9,200	12,100	17,500	13,700
1972	12,400	18,400	35,100	28,900
1973	24,800	29,300	36,400	30,400
1974	31,700	37,900	48,900	..
Manufacturing				
1970	3,500	3,900	5,000	2,600
1971	2,400	3,300	4,300	3,500
1972	4,500	6,500	14,500	9,600
1973	9,500	11,000	13,800	11,800
1974	12,100	15,600	19,300	..
Construction				
1970	..	..	800	400
1971	200	700	1,400	500
1972	400	500	1,800	2,200
1973	900	1,800	3,200	1,800
1974	1,100	2,300	2,100	..
Transportation, communication and other utilities				
1970	..	..	800	1,100
1971	600	1,000	900	700
1972	700	900	700	900
1973	1,100	1,100	1,400	1,000
1974	2,000	1,900	2,900	..
Trade				
1970	..	..	2,100	2,100
1971	1,400	1,400	3,900	3,000
1972	2,200	2,900	5,700	5,400
1973	4,200	4,800	5,600	3,600
1974	4,200	4,300	6,900	..

Table 10.23 (cont'd)

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Finance, insurance and real estate				
1970	..	..	900	800
1971	900	1,000	1,000	1,500
1972	900	1,700	2,600	3,700
1973	1,500	1,500	2,000	2,000
1974	1,800	1,800	2,400	..
Community, business and personal services				
1970	..	..	3,400	1,900
1971	2,100	3,300	4,200	2,600
1972	2,600	4,500	8,200	5,500
1973	5,800	7,400	8,100	7,400
1974	7,900	9,000	10,400	..
Commercial <sup>2</sup>				
1970	..	..	1,700	1,000
1971	1,100	1,300	2,100	1,300
1972	1,500	2,700	6,500	3,400
1973	3,800	5,400	5,200	5,600
1974	5,900	6,600	7,400	..
Non-commercial <sup>3</sup>				
1970	..	..	1,800	900
1971	1,100	2,000	2,100	1,400
1972	1,100	1,800	2,100	2,100
1973	1,900	2,000	2,800	1,800
1974	2,100	2,400	3,000	..
Public administration and defence <sup>4</sup>				
1970	..	..	400	500
1971	800	1,000	1,300	1,600
1972	800	1,200	1,300	1,400
1973	1,300	1,400	1,700	2,000
1974	1,800	2,400	3,900	..

1) Excludes agriculture, fishing and trapping, domestic service and the non-civilian component of public administration and defence.

2) Includes health services (excluding hospitals), motion picture and recreational services, services to business management, personal services (excluding domestic) and miscellaneous services.

3) Includes hospitals, education, welfare and religious organizations.

4) Excludes non-civilian.

Source: SC, Quarterly Report on Job Vacancies.

Table 10.24

UNION MEMBERSHIP, CANADA AND ONTARIO, 1961 - 1972

	Canada			Ontario	
	Number	Per Cent Change From Previous Year	Number	Per Cent Change From Previous Year	Ontario as Per Cent of Canada
1961	1,446,900	- 0.9	550,000	- 1.1	38.0
1962	1,422,800	- 1.7	538,000	- 2.1	37.9
1963	1,449,200	+ 1.9	553,000	+ 2.7	38.2
1964	1,493,200	+ 3.0	577,100	+ 4.4	38.6
1965	1,588,800	+ 6.4	614,900	+ 6.5	38.7
1966	1,737,800	+ 9.4	655,500	+ 6.6	37.7
1967	1,920,600	+10.5	721,600	10.1	37.6
1968	2,009,700	+ 4.6	716,200	- 0.8	35.6
1969	2,074,600	+ 3.2	753,500	+ 5.2	36.3
1970	2,173,100	+ 4.7	801,200	+ 6.3	36.9
1971	2,231,243	+ 2.7	878,938	+ 9.7	39.4
1972	2,388,127	+ 7.0	910,508	+ 3.6	38.1

Source: Ministry of Labour, Research Branch,  
 Union Membership - Strikes and Lockouts.  
 Labour Canada, The Labour Gazette.

Table 10.25  
DISTRIBUTION OF MEMBERSHIP OF REPORTING NATIONAL LABOUR ORGANIZATIONS 1  
BY AFFILIATION, CANADA AND ONTARIO, 1968 - 1972

	Membership						Total							
	CLC		CSD		CNTU		PSAC/CLC		Unaffiliated		Membership		%	
	number	%	number	%	number	%	number	%	number	%	number	%	number	%
1968														
Canada	228,646	100.0	...	...	145,320	100.0	95,782	100.0	323,394	100.0	793,142	100.0		
Ontario	81,934	35.8	...	...	1,089	0.7	39,308	41.0	71,879	22.2	194,210	24.5		
1969														
Canada	243,013	100.0	...	...	175,412	100.0	112,755	100.0	314,468	100.0	845,648	100.0		
Ontario	86,113	35.4	...	...	36	..	49,829	44.2	73,716	23.4	209,694	24.8		
1970														
Canada	256,522	100.0	...	...	185,614	100.0	122,185	100.0	320,024	100.0	884,345	100.0		
Ontario	94,939	37.0	...	...	996	0.5	54,355	44.5	72,640	22.7	222,930	25.2		
1971														
Canada	274,809	100.0	...	...	184,925	100.0	129,626	100.0	370,988	100.0	960,348	100.0		
Ontario	99,589	36.2	...	...	150	0.1	58,283	45.0	89,658	24.2	247,680	25.8		
1972														
Canada	299,140	100.0	23,676	100.0	132,658	100.0	133,319	100.0	345,698	100.0	934,491	100.0		
Ontario	110,080	36.8	...	...	110	0.1	59,439	44.6	93,314	27.0	262,943	28.1		

1) Including government employees' organizations.

Source: SC, Corporations and Labour Unions Return Act, Part II - Labour Unions.



Table 10.26

DISTRIBUTION OF MEMBERSHIP OF REPORTING INTERNATIONAL LABOUR ORGANIZATIONS  
BY AFFILIATION, CANADA AND ONTARIO, 1968 - 1972

	Membership								Total	
	AFL-CIO/CLC				AFL-CIO only				CLC only	
	number	%	number	%	number	%	number	%	Unaffiliated number	Unaffiliated %
1968										
Canada	1,109,243	100.0	7,142	100.0	125,227	100.0	111,678	100.0	1,353,290	100.0
Ontario	466,392	42.1	417	5.8	104,083	83.1	61,935	55.5	632,827	46.7
1969										
Canada	1,131,752	100.0	471	100.0	124,497	100.0	115,278	100.0	1,371,998	100.0
Ontario	469,522	41.5	391	83.0	102,710	82.5	61,075	52.9	633,698	46.2
1970										
Canada	1,168,037	100.0	485	100.0	112,600	100.0	102,059	100.0	1,383,181	100.0
Ontario	485,834	41.6	415	85.6	100,944	89.7	52,922	51.9	640,115	46.3
1971										
Canada	1,202,108	100.0	501	100.0	108,623	100.0	103,602	100.0	1,414,834	100.0
Ontario	498,833	41.5	404	80.6	97,548	89.8	52,990	51.1	649,775	45.9
1972										
Canada	1,233,643	100.0	475	100.0	113,132	100.0	95,460	100.0	1,442,710	100.0
Ontario	508,466	41.2	392	82.6	101,333	89.6	47,850	50.1	658,041	45.6

Source: SC, Corporations and Labour Unions Return Act, Part II - Labour Unions.

Table 10.27  
DISTRIBUTION OF COLLECTIVE AGREEMENTS OF ALL REPORTING LABOUR ORGANIZATIONS,  
CANADA AND ONTARIO, 1968 - 1972

	International unions		National unions		Government employees' organizations		Total	
	Agreements	Locals	Agreements	Locals	Agreements	Locals	Agreements	Locals
1968								
Canada	12,921	5,019	4,257	2,633	84	1,992	17,262	9,644
Ontario	5,188	2,190	687	581	60	729	5,935	3,500
1969								
Canada	12,305	4,928	3,309	2,770	105	1,966	15,719	9,664
Ontario	5,048	2,165	673	580	83	722	5,804	3,467
1970								
Canada	12,582	4,886	2,641	3,040	85	2,173	15,308	10,099
Ontario	5,598	2,160	474	613	68	857	6,140	3,630
1971								
Canada	16,231	4,889	3,834	3,210	60	2,262	20,125	10,361
Ontario	7,243	2,163	744	635	33	897	8,020	3,695
1972								
Canada	14,507	4,804	3,723	3,128	61	2,451	18,291	10,383
Ontario	6,351	2,129	809	656	36	1,036	7,196	3,821

Source: SC, Corporations and Labour Unions Return Act, Part II - Labour Unions.

Table 10.28

STRIKES AND LOCKOUTS, ONTARIO, 1958 - 1971

	Employees Involved			Duration of Strikes and Lockouts in Man-Days			
	Number of Strikes and Lockouts	Number	Strike and Lockout	Canada	Number	As a Per-cent of Canada	Per Employee Involved
							Estimated Working Time
1958	132	58,467	443	2,872,340	1,918,030	66.8	32.8
1959	104	25,540	246	2,286,900	267,730	11.7	10.5
1960	156	24,085	154	738,700	337,370	45.7	14.0
1961	166	39,817	240	1,335,080	644,770	48.3	16.2
1962	172	32,985	192	1,417,900	424,590	29.9	12.9
1963	181	37,744	209	917,140	364,190	39.7	9.6
1964	188	52,442	279	1,580,550	712,095	45.1	13.6
1965	269	92,633	344	2,349,870	1,343,001	57.2	14.5
1966	297	121,110	408	5,178,170	1,356,130	26.2	11.2
1967	228	65,563	288	3,974,760	1,542,550	38.8	23.5
1968	286	136,407	477	5,082,732	2,922,090	57.5	21.4
1969	238	130,909	550	7,751,880	5,318,770	68.6	40.6
1970	215	81,592	380	6,539,560	2,547,210	39.0	31.2
1971 <sup>p</sup>	205	79,726	389	2,866,590	1,359,140	47.4	17.0

Source: *Ministry of Labour, Research Branch,*  
Union Membership - Strikes and Lockouts.



Section 11

INCOME



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## HIGHLIGHTS

### Provincial Accounts

In 1973, Ontario's Gross Provincial Product (GPP) at market prices was \$48,801 million; preliminary 1974 figures indicate a GPP of \$57,344 million at market prices, representing a 17.5 per cent increase over 1973. Of the 1974 total, wages, salaries and supplementary labour income accounted for 56.3 per cent, or \$32,310 million, of GPP. Corporate profits before taxes accounted for 14.3 per cent and indirect taxes less subsidies 13.1 per cent. Ontario personal expenditure in 1974 on consumer goods and services represented 55.5 per cent, or \$31,850 million of \$57,344 million of Gross Provincial Expenditure (GPE) and exports of goods and services abroad accounted for 33.3 per cent, \$19,102 million.

### Personal Income

In 1974, Ontario personal income per capita was estimated at \$5,572, an increase of 15.1 per cent over the 1973 figure of \$4,840; in Canada in 1974 the per capita income was \$4,898, an increase of 15.1 per cent over the 1973 figure of \$4,254. Ontario personal disposable income represented 40.4 per cent of personal disposable income in Canada in 1974.

Preliminary 1973 figures suggest that 21.1 per cent of unattached individuals in Ontario have an annual income under \$2,000 and 2.3 per cent of Ontario females are in this income bracket; in Canada the relevant figures are 23.7 per cent and 2.5 per cent, respectively. In 1973, 4.5 per cent of the unattached individuals and 36.4 per cent of the families surveyed in Ontario had an income of \$15,000 and over per annum; in Canada the comparable figures were 3.6 per cent and 29.9 per cent, respectively.

In 1973, Ontario had 30 per cent of the families and 31.4 per cent of unattached individuals classified as being in the low income bracket in Canada. In the same year, Ontario had 39.3 per cent of the families and 38.8 per cent of unattached individuals not classified as being in the low income bracket. Ontario had 11.1 per cent of all families and 34.7 per cent of all unattached individuals classified as being low income in 1973.

### Wages

The minimum hourly wage in Ontario for general workers has risen from \$1.00 as of December 27, 1965 to \$2.40 as of May 1975. Ontario's industrial composite for average weekly earnings in 1974 was \$181.43, compared with \$178.08 for Canada; average weekly earnings in manufacturing in Ontario were 193.52, compared with \$185.62 for Canada; in mining, the average weekly figure for Ontario was \$229.10 and \$238.97 for Canada. Windsor in 1974 has an industrial composite for average weekly earnings of \$210.99 and an average weekly

earnings of \$244.20 in manufacturing; Toronto's figures were \$182.36 and \$190.03, respectively.

#### Taxable Income

Of a total of \$39,208 million of taxable income for Canada in 1972, Ontario accounted for \$17,313 million, or 44.2 per cent. In 1972, Ontarians had a total tax payable of \$4,804,481,000, an increase of 14.1 per cent over 1971's figure.

## DEFINITIONS

### *Provincial Income*

Net provincial income at factor cost measures the current earnings of Ontario factors of production (land, labour and capital) from productive activity. It includes wages and salaries, profits, interest, net rent and net income of farm and non-farm unincorporated business.

### *Gross Provincial Product (GPP)*

By totalling all costs arising in production, GPP measures the market value of all final goods and services produced in the current period by Ontario factors of production. It is equal to provincial income plus net indirect taxes (indirect taxes less subsidies), plus capital consumption allowances and miscellaneous valuation adjustments.

### *Gross Provincial Expenditure (GPE)*

GPE measures the same aggregate as GPP namely production of final goods and services at market prices, by tracing the disposition of production through final sales to persons, to governments, to business on capital account (including changes in inventories) and to non-residents (exports). Imports of goods and services, payments of interest and dividends to rest of Canada and federal government income received from or accrued in Ontario are deducted since the purpose is to measure only Ontario production.

### *Personal Income*

The sum of current receipts of income whether or not these receipts represent earnings from production. It includes transfer payments from government (such as family allowances, unemployment insurance benefits and war service gratuities) in addition to wages and salaries, net income of farm and non-farm unincorporated business, interest, dividends and net rental income of persons. It does not include undistributed profits of corporations and other elements of the provincial income not paid out to persons.

### *Taxable Income*

The amount of income taxable after deducting all exemptions and allowances.

### *Family*

A group of individuals related by blood, marriage or adoption, sharing a common dwelling unit.

### *Unattached Individual*

A person living by himself or rooming in a household where he is not related to other household members.

*Family Unit*

Designates collectively unattached individuals and families of two or more members.

*Income*

Total money income received before deduction for such items as income tax, unemployment insurance and pension fund contributions. It consists of wages and salaries, net income from self-employment, investment income, government transfer payments and miscellaneous other components such as retirement pensions, annuities, scholarships, alimony and the like.

*Updated Cut-Offs*

Determined by adjusting the low income lines developed in 1961 for increasing prices, as reflected in the Consumer Price Index. These income limits were selected on the basis that urban families with incomes below these limits usually spent 70 per cent or more of their income on food, shelter and clothing.

*Revised Cut-Offs*

Determined from an analysis of 1969 Family Expenditure data. As a result, the revised low income limits reflect more recent consumption patterns of Canadian families. As the overall ratio spent on food, shelter and clothing had declined, families who on average spent 62 per cent or more of their income on this type of goods and services were considered to be in straitened circumstances. These limits were differentiated by size of area of residence in addition to family size.

*Industrial Composite*

Represents the sum of industries included in the mail survey of the Labour Division of Statistics Canada.

Table 11.1

## PROVINCIAL INCOME AND GROSS PROVINCIAL PRODUCT, ONTARIO, 1951-1974

	1951	1952	1953	1954	1955	1956	1957	1958
	\$ Million							
1. Wages, salaries and supplementary labour income	4,447	4,958	5,317	5,452	5,862	6,568	7,162	7,385
2. Military pay and allowances	77	105	117	134	139	149	165	172
3. Corporate profits before taxes	1,352	1,328	1,318	1,206	1,506	1,712	1,550	1,599
4. <i>Deduct:</i> Dividends paid to non-residents	-245	-235	-231	-224	-251	-296	-305	-294
5. Interest and miscellaneous investment income	208	198	207	212	264	287	391	416
6. Accrued net income of farm operators from farm productions	433	360	319	277	244	240	272	330
7. Net income of non-farm unincorporated business including rent	749	802	934	1,001	1,114	1,131	1,212	1,300
8. Inventory valuation adjustment	-267	46	6	35	-76	-103	-25	-18
9. <i>Net Provincial Income at Factor Cost</i>	6,754	7,562	7,987	8,093	8,802	9,688	10,422	10,890
10. Indirect taxes less subsidies	1,012	1,087	1,180	1,195	1,311	1,479	1,587	1,617
11. Capital consumption allowances and miscellaneous valuation adjustments	774	828	929	1,094	1,231	1,370	1,542	1,527
12. Residual error of estimate	-100	-288	-191	-337	-541	-538	-233	-546
13. <i>Gross Provincial Product at Market Prices</i>	8,440	9,189	9,905	10,045	10,803	12,179	13,318	13,488

Table 11.1 (cont'd)

	1959	1960	1961	1962	1963	1964	1965	1966
	\$ Million							
1. Wages, salaries and supplementary labour income	7,853	8,225	8,518	9,130	9,774	10,660	11,840	13,433
2. Military pay and allowances	170	172	189	201	206	208	205	229
3. Corporate profits before taxes	1,763	1,671	1,755	1,903	2,192	2,546	2,793	2,976
4. <i>Deduct:</i> Dividends paid to non-residents	-325	-309	-354	-381	-431	-494	-538	-566
5. Interest and miscellaneous investment income	400	447	480	574	632	653	696	800
6. Accrued net income of farm operators from farm productions	256	268	276	319	283	268	300	423
7. Net income of non-farm unincorporated business including rent	1,313	1,277	1,329	1,367	1,455	1,491	1,578	1,663
8. Inventory valuation adjustment	-46	-8	-19	-41	-95	-58	-141	-144
9. <i>Net Provincial Income at Factor Cost</i>	11,384	11,743	12,174	13,072	14,016	15,274	16,733	18,814
10. Indirect taxes less subsidies	1,769	1,842	1,975	2,236	2,368	2,620	3,099	3,345
11. Capital consumption allowances and miscellaneous valuation adjustments	1,660	1,717	1,722	1,854	1,994	2,215	2,438	2,669
12. Residual error of estimate	-695	-664	-511	-827	-583	-566	-609	-355
13. <i>Gross Provincial Product at Market Prices</i>	14,118	14,638	15,360	16,335	17,795	19,543	21,661	24,473

Table 11.1 (cont'd)

	1967	1968	1969	1970	1971	1972	1973	1974 <sup>p</sup>
	\$ Million							
1. Wages, salaries and supplementary labour income	14,809	16,374	18,447	20,182	22,239	24,589	27,597	32,310
2. Military pay and allowances	253	280	287	277	265	289	305	331
3. Corporate profits before taxes	3,031	3,461	3,706	3,428	3,891	4,710	6,389	8,200
4. <i>Deduct:</i> Dividends paid to non-residents	-579	-586	-601	-625	-681	-672	-805	-963
5. Interest and miscellaneous investment income	912	1,013	1,153	1,147	1,249	1,447	1,736	2,460
6. Accrued net income of farm operators from farm productions	328	338	371	337	296	418	583	680
7. Net income of non-farm unincorporated business including rent	1,782	1,978	2,157	2,258	2,427	2,621	2,790	3,065
8. Inventory valuation adjustment	-144	-154	-252	-80	-293	-435	-1,059	-1,679
9. <i>Net Provincial Income at Factor Cost</i>	20,392	22,704	25,268	26,924	29,393	32,967	37,536	44,404
10. Indirect taxes less subsidies	3,724	4,125	4,611	4,863	5,262	5,861	6,543	7,540
11. Capital consumption allowances and miscellaneous valuation adjustments	2,909	3,080	3,347	3,691	3,975	4,323	4,808	5,400
12. Residual error of estimate <sup>1</sup>	-689	-694	-588	-164	-502	-494	-86	...
13. <i>Gross Provincial Product at Market Prices</i>	26,336	29,215	32,638	35,314	38,128	42,657	48,801	57,344

1) For 1974 total residual error is included in balancing item of Expenditure Account. See note 2 on page 450.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, *Econometric Research Branch*.



Table 11.2  
GROSS PROVINCIAL EXPENDITURE, ONTARIO, 1951-1974

	1951	1952	1953	1954	1955	1956	1957	1958
				\$ Million				
1. Personal expenditure on consumer goods and services	5,586	6,083	6,439	6,659	7,142	7,707	8,415	9,011
2. Government expenditure on goods and services	623	704	703	830	935	1,077	1,235	1,350
a) Current expenditure	434	475	485	570	644	730	774	872
b) Capital expenditure	189	229	218	260	291	347	461	478
3. Business gross fixed capital formation	1,448	1,541	1,781	1,788	1,928	2,400	2,680	2,562
a) New residential and non-residential construction	801	864	1,034	1,089	1,224	1,452	1,621	1,720
b) New machinery and equipment	647	677	747	699	704	948	1,059	842
4. Value of physical change in inventories	127	-10	379	170	-114	250	477	-114
a) Non-farm business inventories	209	4	286	-59	49	321	141	-80
b) Farm inventories and grain in commercial channels	-82	-14	93	229	-163	-71	336	-34
5. Exports of goods and services	2,411	2,656	2,599	2,425	2,742	3,029	3,061	3,028
6. <i>Deduct:</i> Imports of goods and services from abroad	-2,085	-2,334	-2,466	-2,498	-2,717	-2,991	-3,217	-3,362
7. Exports of labour services to federal government	253	306	336	384	407	434	493	522
8. <i>Deduct:</i> Federal government investment income received from or accrued in Ontario	-28	-53	-52	-46	-68	-83	-60	-61
9. Dividends received from R.O.C. <sup>1</sup>	87	87	75	66	82	92	95	96
10. <i>Deduct:</i> Dividends paid to R.O.C. <sup>1</sup>	-83	-80	-80	-70	-76	-95	-94	-90
11. Residual error of estimate	+101	+289	+191	+337	+542	+359	+233	+546
12. <i>Gross Provincial Expenditure at Market Prices</i>	8,440	9,189	9,905	10,045	10,803	12,179	13,318	13,488



Table 11.2 (cont'd)

	1959	1960	1961	1962	1963	1964	1965	1966
	\$ Million							
1. Personal expenditure on consumer goods and services	9,390	9,721	9,895	10,599	11,291	11,996	13,052	14,402
2. Government expenditure on goods and services	1,459	1,547	1,885	2,134	2,408	2,503	2,843	3,373
a) Current expenditure	961	1,067	1,407	1,523	1,729	1,873	2,055	2,464
b) Capital expenditure	498	480	478	611	679	630	788	909
3. Business gross fixed capital formation	2,338	2,322	2,245	2,367	2,542	3,072	3,506	4,234
a) New residential and non-residential construction	1,459	1,400	1,369	1,390	1,496	1,738	1,850	2,277
b) New machinery and equipment	879	922	876	977	1,046	1,334	1,656	1,957
4. Value of physical change in inventories	41	100	387	-128	238	306	544	575
a) Non-farm business inventories	189	34	252	145	287	238	590	442
b) Farm inventories and grain in commercial channels	-148	66	135	-273	-49	68	-46	133
5. Exports of goods and services abroad	3,248	3,412	3,657	3,983	4,477	5,214	5,633	6,579
6. <i>Deduct:</i> Imports of goods and services from abroad	-3,514	-3,625	-3,758	-4,035	-4,327	-4,715	-5,165	-5,808
7. Exports of labour services to federal government	521	550	597	633	649	686	723	836
8. <i>Deduct:</i> Federal government investment income received from or accrued in Ontario	-59	-56	-63	-69	-80	-97	-93	-86
9. Dividends received from R.O.C. <sup>1</sup>	100	109	105	146	160	169	183	205
10. <i>Deduct:</i> Dividends paid to R.O.C. <sup>1</sup>	-101	-106	-101	-123	-147	-157	-175	-193
11. Residual error of estimate	+695	+664	+511	+828	+584	+566	+610	+356
12. <i>Gross Provincial Expenditure at Market Prices</i>	14,118	14,638	15,360	16,335	17,795	19,543	21,661	24,473

Table 11.2 (cont'd)

	1967	1968	1969	1970	1971	1972	1973	1974 <sup>p</sup>
	\$ Million							
1. Personal expenditure on consumer goods and services	15,629	17,038	18,786	20,284	22,046	24,437	27,522	31,850
2. Government expenditure on goods and services	3,715	4,323	4,861	5,865	6,475	7,053	7,880	9,226
a) Current expenditure	2,835	3,374	3,867	4,782	5,261	5,784	6,507	7,515
b) Capital expenditure	880	949	994	1,083	1,214	1,269	1,373	1,711
3. Business gross fixed capital formation	4,367	4,508	5,185	5,677	6,175	6,813	7,958	9,644
a) New residential and non-residential construction	2,389	2,639	2,921	3,063	3,609	4,017	4,775	5,706
b) New machinery and equipment	1,978	1,869	2,264	2,614	2,566	2,796	3,183	3,938
4. Value of physical change in inventories	167	199	734	219	-218	474	193	... <sup>2</sup>
a) Non-farm business inventories	127	263	429	85	151	335	422	
b) Farm inventories and grain in commercial channels	40	-64	305	134	-369	139	-229	
5. Exports of goods and services abroad	7,221	8,514	9,249	10,354	11,047	12,271	15,217	19,102
Deduct: Imports of goods and services from abroad	-6,295	-7,009	-7,800	-8,311	-9,074	-10,177	-11,587	-15,352
7. Exports of labour services to federal government	922	1,038	1,178	1,216	1,335	1,478	1,706	2,150
8. Deduct: Federal government investment income received from or accrued in Ontario	-97	-100	-168	-177	-178	-213	-205	... <sup>2</sup>
9. Dividends received from R.O.C. <sup>1</sup>	211	223	252	228	220	241	283	
10. Deduct: Dividends paid to R.O.C. <sup>1</sup>	-194	-213	-228	-205	-203	-214	-252	
11. Residual error of estimate	+690	+694	+589	+164	+503	+494	+86	
12. Gross Provincial Expenditure at Market Prices	26,336	29,215	32,638	35,314	38,128	42,657	48,801	57,344

1) R.O.C. = rest of Canada.

2) Balancing item of \$724 million includes value of physical change in inventories, certain dividend and other investment income payments and total residual error of estimate.



Table 11.4  
PERSONAL INCOME<sup>1</sup> PER PERSON, BY PROVINCE, CANADA, 1950 - 1973

	Canada	Ontario	New found- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Mani- toba	Saskat- chewan	Alberta	British Colum- bia	Yukon & North- west Terri- tories
												\$
1950	3,040	1,261	530	573	774	730	894	1,055	867	1,046	1,272 <sup>2</sup>	0 <sup>2</sup>
1951	1,199	1,418	579	653	829	804	1,007	1,209	1,285	1,331	1,429	1,040
1952	1,286	1,505	612	780	925	833	1,092	1,261	1,439	1,387	1,546	1,240
1953	1,317	1,555	668	644	961	839	1,139	1,251	1,322	1,400	1,583	1,360
1954	1,290	1,550	689	683	987	867	1,146	1,217	944	1,273	1,583	1,444
1955	1,355	1,619	719	670	1,000	894	1,172	1,279	1,205	1,352	1,671	1,483
1956	1,463	1,724	783	859	1,053	962	1,262	1,419	1,368	1,531	1,774	1,903
1957	1,515	1,812	825	778	1,120	989	1,234	1,419	1,178	1,503	1,841	1,903
1958	1,560	1,856	836	830	1,157	1,025	1,357	1,545	1,297	1,624	1,811	1,788
1959	1,608	1,911	868	951	1,216	1,076	1,394	1,593	1,323	1,634	1,881	1,794
1960	1,656	1,951	920	942	1,265	1,127	1,443	1,647	1,478	1,653	1,909	1,750
1961	1,651	1,954	961	971	1,284	1,122	1,488	1,557	1,172	1,651	1,897	1,595
1962	1,764	2,062	987	1,065	1,334	1,169	1,573	1,721	1,644	1,761	1,975	1,550
1963	1,840	2,156	1,036	1,074	1,389	1,233	1,630	1,736	1,807	1,807	2,065	1,634
1964	1,933	2,267	1,099	1,174	1,468	1,324	1,745	1,851	1,634	1,856	2,190	1,667
1965	2,091	2,436	1,238	1,257	1,562	1,431	1,880	1,961	1,883	2,028	2,377	1,683
1966	2,303	2,680	1,379	1,385	1,722	1,587	2,055	2,117	2,143	2,306	2,570	1,860
1967	2,482	2,884	1,513	1,541	1,903	1,721	2,247	2,368	2,019	2,460	2,750	2,045
1968	2,690	3,146	1,654	1,718	2,060	1,893	2,394	2,598	2,278	2,698	2,914	2,311
1969	2,943	3,470	1,796	1,847	2,279	2,062	2,601	2,762	2,368	2,944	3,226	2,596
1970	3,129	3,705	1,983	2,082	2,423	2,252	2,774	2,906	2,267	3,105	3,405	2,960
1971	3,414	3,991	2,180	2,134	2,662	2,499	3,028	3,194	2,733	3,391	3,719	3,094
1972	3,778	4,366	2,477	2,478	2,990	2,810	3,403	3,557	2,991	3,749	4,086	3,400
1973	4,254	4,840	2,760	2,922	3,332	3,089	3,839	4,071	3,803	4,325	4,581	3,655

1) In current dollars.

2) In 1950, data for the Yukon and Northwest Territories are included with those for British Columbia.  
Source: Census, Personal Income Per Person, Geographical Distribution.

Table 11.5

PERSONAL DISPOSABLE INCOME,<sup>1</sup> BY PROVINCE, CANADA, 1950 - 1973

	Canada	Ontario	New found- land	Prince Edward Island	Nova Scotia	New Brun- swick	Quebec	Mani-Saskat- toba chewan	Albarta	British Colum- bia	Yukon & North- west terr.	Foreign Coun- tries <sup>2</sup>
							\$ Million					
1950	13,285	5,208	178	53	466	352	3,325	757	894	1,363 <sup>3</sup>	3	4
1951	15,435	5,916	196	61	498	360	3,773	876	1,165	1,490	...	13
1952	16,922	6,467	210	74	559	407	4,185	932	1,233	1,666	24	18
1953	17,718	6,860	233	62	584	413	4,463	931	1,061	1,763	30	21
1954	17,860	7,090	250	66	610	431	4,628	919	1,297	1,838	35	20
1955	19,331	7,644	269	64	634	456	4,825	987	1,358	2,051	39	18
1956	21,307	8,273	268	81	674	495	5,325	1,107	1,584	2,254	55	20
1957	22,714	9,066	322	73	724	515	5,777	1,118	1,594	2,478	55	27
1958	24,313	9,745	338	79	753	531	6,139	1,246	1,071	2,536	53	29
1959	25,440	10,167	356	92	804	567	6,432	1,269	1,106	2,667	56	43
1960	26,567	10,529	380	90	832	600	6,751	1,349	1,251	2,740	56	49
1961	26,994	10,720	405	96	862	612	7,083	1,286	1,286	2,767	52	52
1962	29,340	11,533	424	106	908	646	7,633	1,451	1,403	2,930	55	63
1963	31,168	12,320	453	107	948	683	8,072	1,482	1,550	3,132	60	62
1964	33,049	13,106	487	129	1,000	735	8,727	1,588	1,385	3,390	62	63
1965	36,263	14,301	555	125	1,057	791	9,603	1,691	1,609	3,759	60	70
1966	39,991	15,850	615	136	1,142	864	10,419	1,785	1,819	4,149	68	70
1967	43,123	17,233	677	150	1,247	934	11,382	1,971	1,665	4,540	71	81
1968	46,829	18,855	740	167	1,354	1,030	12,077	2,166	1,897	4,867	85	67
1969	50,911	20,696	806	170	1,469	1,107	13,028	2,245	1,949	5,414	94	71
1970	54,009	22,189	888	201	1,572	1,187	13,760	2,342	1,789	4,042	118	60
1971	59,482	24,342	985	209	1,747	1,323	14,886	2,595	2,178	4,486	130	57
1972	66,740	27,213	1,135	246	1,956	1,517	16,743	2,912	2,348	5,053	145	59
1973	75,977	30,627	1,280	296	2,108	1,683	18,753	3,403	2,983	5,962	164	66

1) Personal disposable income consists of total personal income less personal direct taxes and other current transfers to government from persons. The figures are in current dollars.

2) Taxes and other transfers paid by Canadians temporarily abroad, with the exception of employer and employee contributions to public service pensions from the year 1951 on, cannot be estimated separately and are included in the provincial estimates.

3) In 1950, data for the Yukon and Northwest Territories are included with those for British Columbia. Source: Cansim, Personal Disposable Income, Geographical Distribution.

Table 11.6  
SUMMARY OF PERSONAL INCOME, CANADA AND ONTARIO, 1950 - 1974

	Canada			Ontario			Ontario as % of Canada		
	Personal Income Amount \$ Million	Per Capita Income \$	Disposable Income \$ Million	Personal Amount \$ Million	Per Capita Income \$	Disposable Income \$ Million	Personal Income	Personal Disposable Income	Transfers to Government <sup>1</sup>
1950	14,262	1,040	13,285	5,638	1,261	5,208	39.5	39.2	44.0
1951	16,791	1,199	15,435	6,521	1,418	5,916	38.8	38.3	44.6
1952	18,592	1,286	16,922	7,207	1,505	6,467	38.8	38.2	44.3
1953	19,550	1,317	17,718	7,681	1,555	6,860	39.3	38.7	44.8
1954	19,717	1,290	17,868	7,930	1,550	7,090	40.2	39.7	45.4
1955	21,265	1,355	19,331	8,525	1,619	7,644	40.1	39.5	45.6
1956	23,531	1,463	21,307	9,320	1,724	8,273	39.6	38.8	47.1
1957	25,170	1,515	22,714	10,211	1,812	9,066	40.6	39.9	46.6
1958	26,651	1,560	24,313	10,802	1,856	9,745	40.5	40.1	45.2
1959	28,108	1,608	25,440	11,406	1,911	10,167	40.6	40.0	46.4
1960	29,595	1,656	26,567	11,923	1,951	10,529	40.3	39.6	46.0
1961	30,104	1,651	26,904	12,187	1,954	10,720	40.5	39.8	45.8
1962	32,788	1,764	29,340	13,098	2,062	11,533	39.9	39.3	45.4
1963	34,829	1,840	31,168	13,976	2,156	12,320	40.1	39.5	45.2
1964	37,282	1,933	33,049	15,030	2,267	13,106	40.3	39.7	45.5
1965	41,071	2,091	36,263	16,537	2,436	14,301	40.3	39.4	46.5
1966	46,094	2,303	39,901	18,655	2,680	15,850	40.5	39.7	45.3
1967	50,579	2,482	43,123	20,553	2,884	17,233	40.6	40.0	44.5
1968	55,677	2,690	46,820	22,844	3,146	18,855	41.0	40.3	45.0
1969	61,804	2,943	50,911	25,629	3,470	20,696	41.5	40.7	45.3
1970 <sup>2</sup>	66,633	3,129	54,009	27,974	3,705	22,189	42.0	41.1	45.8
1971 <sup>2</sup>	73,630	3,414	59,482	30,741	3,991	24,342	41.7	40.9	45.2
1972 <sup>2</sup>	82,440	3,778	66,740	34,159	4,366	27,213	41.4	40.8	44.2
1973 <sup>2</sup>	93,992	4,254	75,977	38,423	4,840	30,627	40.9	40.3	43.3
1974 <sup>2</sup>	109,949	4,898	88,105	45,100	5,572	35,594	41.0	40.4	43.5

1) Personal Direct Taxes and other current transfers to government.  
2) Data for Ontario estimated by Ministry of Finance.



Table 11.7  
PERCENTAGE DISTRIBUTION OF FAMILIES AND UNATTACHED INDIVIDUALS BY INCOME GROUP,  
CANADA AND ONTARIO, SELECTED YEARS, 1967 - 1973

	1967		1969		1971		
	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	
CANADA							
	Per cent						
Under \$2,000	43.0	6.1	33.2	4.0	37.1	4.7	
\$ 2,000 - 2,999	11.3	7.7	9.5	6.9	9.9	4.3	
3,000 - 3,999	12.7	8.0	9.5	6.7	9.0	6.3	
4,000 - 4,999	10.7	9.1	8.8	7.2	8.2	5.2	
5,000 - 5,999	9.1	11.1	8.2	7.8	7.6	6.0	
6,000 - 6,999	5.9	11.1	7.4	8.2	7.3	6.2	
7,000 - 7,999	2.9	10.2	6.3	9.2	4.8	6.9	
8,000 - 8,999	{ 3.1	{ 15.1	{ 7.9	8.9	{ 7.2	7.9	
9,000 - 9,999				7.7		7.2	
10,000 - 10,999	{ 2.2	{ 16.1	{ 6.8	{ 12.4	{ 5.8	{ 14.0	
11,000 - 11,999							
12,000 - 12,999				{ 10.4		{ 14.2	
13,000 - 13,999							
14,000 - 14,999	{ 2.2	{ 5.7	{ 2.5	{ 8.8	{ 1.9	{ 14.2	
15,000 - 16,999							
17,000 - 19,999							
20,000 - 24,999							
25,000 and over				1.8		2.9	
Average Income	3,257	7,481	4,710	8,927	4,346	10,368	
Median Income	2,601	6,726	3,769	8,008	3,214	9,347	
Sample Size	4,135	18,143	17,608	8,085	4,712	19,011	

Table 11.7 (cont'd)

	1972		1973 <sup>p</sup>	
	Unattached Individuals	Families	Unattached Individuals	Families
CANADA				
		Per cent		
Under \$2,000	27.3			
\$ 2,000 - 2,999	9.6	3.1	23.7	2.5
3,000 - 3,999	8.1	3.7	17.8	2.9
4,000 - 4,999	7.8	5.7	7.9	4.1
5,000 - 5,999	6.7	5.1	8.7	5.1
6,000 - 6,999	6.4	4.7	8.3	4.5
7,000 - 7,999	6.1	5.8	6.6	4.6
8,000 - 8,999	5.6	5.8	5.9	5.3
9,000 - 9,999	4.8	6.6	5.1	5.9
10,000 - 10,999	7.5	6.6	3.3	6.2
11,000 - 11,999		7.9	{ 5.4	6.3
12,000 - 12,999	5.1	7.1		6.2
13,000 - 13,999		5.9	{ 3.7	6.1
14,000 - 14,999	4.6	5.5		5.3
15,000 - 16,999		4.5	{ 3.6	5.2
17,000 - 19,999	4.6	6.8		8.3
20,000 - 24,999		6.5		3.9
25,000 and over		4.8		7.1
		3.9		5.6
Average Income	5,828	11,300	5,210	12,532
Median Income	4,576	10,367	4,069	11,442
Sample Size	21,021	9,467	4,937	17,856



Table 11.7 (cont'd)

	1967		1969		1971	
	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families
Per cent						
ONTARIO						
Under \$2,000	36.9	4.2	30.5	2.8	32.1	3.8
\$ 2,000 - 2,999	10.2	5.2	8.5	4.8	10.2	3.2
3,000 - 3,999	11.5	5.9	8.5	4.7	9.5	4.1
4,000 - 4,999	13.6	6.9	8.5	5.4	7.3	3.6
5,000 - 5,999	9.6	10.2	8.2	7.0	8.4	5.2
6,000 - 6,999	7.6	11.1	8.1	7.1	8.0	4.9
7,000 - 7,999	3.7	11.2	6.8	8.1	6.6	5.9
8,000 - 8,999	3.9	16.6	9.4	9.7	8.5	7.5
9,000 - 9,999				8.6		7.4
10,000 - 10,999				14.9		15.6
11,000 - 11,999				13.4		16.9
12,000 - 12,999		20.8	8.4			
13,000 - 13,999						
14,000 - 14,999	2.8					
15,000 - 16,999						
17,000 - 19,999						
20,000 - 24,999		7.7	3.0	11.3	2.1	18.1
25,000 and over				2.2		3.6
Average Income	3,668	8,438	5,117	9,889	4,779	11,483
Median Income	3,258	7,579	4,254	9,048	3,833	10,546
Sample Size	1,114	4,866	4,670	2,078	1,268	4,814

Table 11.7 (cont'd)

	1972		1973 <sup>p</sup>	
	Unattached Individuals	Families	Unattached Individuals	Families
Per cent				
ONTARIO				
Under \$2,000				
\$ 2,000 - 2,999	25.8	2.3	21.1	2.3
3,000 - 3,999	9.3	2.9	15.5	2.1
4,000 - 4,999	6.7	4.1	6.4	3.3
5,000 - 5,999	7.4	4.0	7.9	3.7
6,000 - 6,999	6.4	3.5	8.5	2.9
7,000 - 7,999	5.7	4.1	7.9	3.4
8,000 - 8,999	6.4	5.3	7.0	4.5
9,000 - 9,999	6.2	5.8	6.2	5.1
10,000 - 10,999	5.5	6.3	3.8	5.3
11,000 - 11,999	8.7	8.5	6.2	6.1
12,000 - 12,999	6.2	7.3	5.1	6.2
13,000 - 13,999		6.5		6.6
14,000 - 14,999		6.7		6.0
15,000 - 16,999	5.7	5.2	4.5	6.1
17,000 - 19,999		8.1		9.5
20,000 - 24,999		8.1		11.1
25,000 and over		6.3		8.6
		5.0		7.2
Average Income	6,339	12,430	5,891	13,721
Median Income	5,121	11,425	4,895	12,755
Sample Size	6,097	2,738	1,279	4,771

Source: SC, Income Distributions by Size in Canada.

Table 11.8  
COMPARISON OF LOW INCOME FAMILIES AND UNATTACHED INDIVIDUALS WITH OTHER FAMILIES AND UNATTACHED INDIVIDUALS, BY REGION, 1971 - 1973

	Based on Updated Low Income Cut-Offs <sup>1</sup>						Based on Revised Low Income Cut-Offs <sup>1</sup>					
	Families			Unattached Individuals			Families			Unattached Individuals		
	Low Income			Low Income			Low Income			Low Income		
	Other	Income	Per Cent	Other	Income	Per Cent	Other	Income	Per Cent	Other	Income	Per Cent
1971												
Ontario	26.1	39.3	30.6	38.2	...	...	...	...	...	...	...	...
Atlantic Provinces	14.3	7.6	19.0	6.4	...	...	...	...	...	...	...	...
Quebec	29.9	26.4	27.5	25.3	...	...	...	...	...	...	...	...
Prairie Provinces	21.6	15.5	17.3	18.0	...	...	...	...	...	...	...	...
British Columbia	8.0	11.2	14.6	12.2	...	...	...	...	...	...	...	...
1972												
Ontario	27.8	39.4	32.3	37.7	...	...	...	...	...	...	...	...
Atlantic Provinces	12.7	7.7	10.3	5.3	...	...	...	...	...	...	...	...
Quebec	30.7	26.8	28.1	27.2	...	...	...	...	...	...	...	...
Prairie Provinces	20.7	15.5	18.0	16.0	...	...	...	...	...	...	...	...
British Columbia	8.1	10.6	11.4	13.9	...	...	...	...	...	...	...	...
1973												
Ontario	29.5	39.2	32.0	37.7	30.0	31.4	39.3	31.4	38.0	38.0	38.0	38.0
Atlantic Provinces	13.2	7.8	9.3	5.9	12.0	8.0	7.8	8.0	6.2	6.2	6.2	6.2
Quebec	29.7	26.9	29.5	26.8	31.4	28.9	26.6	28.9	26.9	26.9	26.9	26.9
Prairie Provinces	21.2	15.4	19.2	15.2	20.1	18.3	15.4	18.3	15.2	15.2	15.2	15.2
British Columbia	6.5	10.7	10.0	14.4	6.4	13.4	10.9	13.4	12.8	12.8	12.8	12.8

1) Refer to the introductory note of this chapter for an explanation of the difference between updated and revised cut-offs.

Source: SC, Income Distributions by Size in Canada.

Table 11.9

INCIDENCE OF LOW INCOME AMONG FAMILIES AND UNATTACHED INDIVIDUALS,  
BY REGION, 1971 - 1973

	Updated Low Income Cut-offs <sup>1</sup>		Revised Low Income Cut-offs <sup>1</sup>	
	Unattached		Unattached	
	Families	Individuals	Families	Individuals
	Per Cent			
1971				
Atlantic Provinces	26.4	48.5	...	...
Quebec	17.7	39.6	...	...
Ontario	11.2	32.6	...	...
Prairie Provinces	20.9	36.8	...	...
British Columbia	12.0	41.9	...	...
1972				
Atlantic Provinces	20.8	50.9	...	...
Quebec	15.4	35.5	...	...
Ontario	10.1	31.3	...	...
Prairie Provinces	17.5	37.4	...	...
British Columbia	10.9	30.4	...	...
1973 <sup>p</sup>				
Atlantic Provinces	18.8	42.1	20.1	45.7
Quebec	13.1	33.7	16.2	41.4
Ontario	9.3	28.2	11.1	34.7
Prairie Provinces	15.8	36.9	17.6	44.1
British Columbia	7.6	24.2	8.8	40.6

1) Refer to the introductory note of this chapter for an explanation of the difference between updated and revised cut-offs.

Source: SC, Income Distributions by Size in Canada.

Table 11.10

MINIMUM HOURLY WAGES, ONTARIO, 1965 - 1975

	General Workers	Construction Workers
	\$	
1965 <sup>1</sup> (December 27)	1.00	1.25
1969 (January 1)	1.30	1.55
1970 (October 1)	1.50	1.75
1971 (April 1)	1.65	1.90
1973 (February 1)	1.80	2.05
1974 (January 1)	2.00	2.25
(October 1)	2.25	2.50
1975 (May 1)	2.40	2.65

1) Zones and sex in regard to minimum wage were eliminated as of December 27, 1965.

Source: Ministry of Labour, Research Branch.

Table 11.11

## AVERAGE WEEKLY EARNINGS BY INDUSTRY, ONTARIO, 1961 - 1974

	Industrial Composite	Forestry	Mining, including Milling	Manufacturing	Construction	Transportation and other utilities	Trade	Finance, Insurance, and Real Estate	Service
	Annual Averages - \$								
1961	81.30	94.16	96.91	85.77	87.86	87.00	66.41	73.83	59.62
1962	83.65	95.36	97.40	88.47	91.25	89.82	68.06	76.79	61.38
1963	86.22	93.10	99.36	91.70	96.38	93.32	70.16	79.13	62.92
1964	89.82	98.65	102.55	95.48	101.74	97.66	72.08	83.34	65.34
1965	94.41	101.30	108.08	100.18	112.18	102.46	74.24	90.98	68.52
1966	99.40	109.86	115.35	104.95	123.34	106.15	78.61	95.97	72.28
1967	105.86	123.90	127.89	111.35	132.14	116.55	82.94	102.01	77.56
1968	113.54	124.97	138.67	120.00	142.42	127.05	87.85	109.36	82.63
1969	121.56	139.39	148.24	129.15	155.31	137.68	94.05	117.33	87.62
1970	131.52	146.83	166.40	140.13	175.00	143.46	100.84	124.49	94.70
1971 <sup>p</sup>	143.04	168.54	177.52	152.14	197.66	161.06	110.25	134.26	103.51
1972 <sup>p</sup>	154.92	193.37	188.98	165.18	222.43	175.93	118.68	145.54	112.15
1973 <sup>p</sup>	165.61	221.41	206.50	176.98	236.87	188.78	126.21	159.64	120.66
1974 <sup>p</sup>	181.43	242.37	229.10	193.52	258.68	210.48	138.32	177.21	130.86

Source: SC, Employment, Earnings and Hours.

Table 11.12  
AVERAGE WEEKLY EARNINGS, INDUSTRIAL COMPOSITE, MANUFACTURING AND MINING, CANADA AND ONTARIO, 1950-1974

	Industrial Composite		Manufacturing		Mining (including Milling)
	Canada	Ontario	Canada	Ontario	Ontario
					\$
1950	45.08	46.58	46.49	48.40	54.27
1951	50.04	51.69	51.68	53.80	60.33
1952	54.41	56.36	56.36	59.04	65.79
1953	57.53	59.66	59.29	62.31	68.91
1954	59.04	61.36	61.15	64.25	70.67
1955	61.05	63.55	63.48	66.70	73.53
1956	64.44	66.86	66.71	70.11	78.01
1957	67.93	70.56	69.94	73.55	83.89
1958	70.43	73.20	72.67	76.29	86.60
1959	73.47	76.39	75.84	79.75	90.76
1960 <sup>1</sup>	75.83	78.71	78.19	82.13	93.80
1961	78.24	81.30	81.55	85.77	95.57
1962	80.54	83.65	84.00	88.47	96.91
1963	83.27	86.22	86.90	91.70	97.40
1964	86.51	89.82	90.42	95.48	99.36
1965	91.01	94.41	94.78	100.18	102.55
1966	96.34	99.37	100.16	104.91	108.08
1967	102.83	105.86	106.54	111.34	115.35
1968	109.88	113.54	114.42	119.92	127.89
1969	117.63	121.55	122.93	129.16	138.67
1970	126.82	131.55	132.75	139.31	148.24
1971 <sup>p</sup>	137.63	143.04	143.99	152.14	164.70
1972 <sup>p</sup>	149.22	154.92	156.10	165.27	177.52
1973 <sup>p</sup>	160.46	165.61	167.48	176.98	188.98
1974 <sup>p</sup>	178.08	181.43	185.62	193.52	206.50
					229.10

1) Statistics from 1961 onward are based on the 1960 Standard Industrial Classification and are not comparable with earlier data.

Source: SC, Employment, Earnings and Hours.

Table 11.13  
AVERAGE WEEKLY EARNINGS, INDUSTRIAL COMPOSITE AND MANUFACTURING, BY SELECTED URBAN AREA, ONTARIO,  
1961 - 1974

	1961	1962	1963	1964	1965	1966	1967
	\$						
TORONTO							
Industrial Composite	81.84	84.35	87.52	90.82	94.53	100.27	106.64
Manufacturing	85.84	88.54	91.94	95.83	99.46	105.06	111.59
HAMILTON							
Industrial Composite	86.54	89.31	91.18	94.76	99.28	103.69	109.31
Manufacturing	94.32	96.97	98.70	103.08	107.91	112.93	119.55
KINGSTON							
Industrial Composite	78.49	80.11	82.89	87.24	89.95	94.82	100.76
Manufacturing	88.06	89.99	92.89	96.54	97.74	107.24	115.32
LONDON							
Industrial Composite	74.50	76.77	79.03	83.09	86.14	91.60	97.54
Manufacturing	79.44	82.07	85.09	89.77	92.13	97.83	104.04
OTTAWA-HULL							
Industrial Composite	73.40	75.48	77.46	80.72	84.51	89.64	95.86
Manufacturing	84.07	86.41	89.80	93.90	98.95	105.29	113.02
THUNDER BAY							
Industrial Composite	80.31	81.04	82.71	86.20	89.67	98.41	102.36
Manufacturing	89.64	91.68	93.22	95.79	98.26	108.58	114.52
WINDSOR							
Industrial Composite	87.59	90.67	95.09	101.03	107.30	113.18	117.19
Manufacturing	96.74	101.52	106.13	113.64	119.98	125.19	130.49

Table 11.13 (cont'd)

	1968	1969	1970	1971 <sup>P</sup>	1972 <sup>P</sup>	1973 <sup>P</sup>	1974 <sup>P</sup>
TORONTO							
Industrial Composite	114.14	123.09	133.67	144.88	156.51	166.81	182.36
Manufacturing	119.18	129.34	139.63	151.46	163.69	173.84	190.03
HAMILTON							
Industrial Composite	116.62	123.06	135.49	147.65	159.90	170.85	186.42
Manufacturing	127.89	136.31	149.82	161.87	177.20	190.37	206.49
KINGSTON							
Industrial Composite	108.30	115.28	121.24	132.28	143.00	152.94	169.44
Manufacturing	125.76	134.29	143.00	158.45	169.98	181.88	204.22
LONDON							
Industrial Composite	105.05	113.27	121.41	132.56	144.42	154.86	171.57
Manufacturing	112.54	122.12	132.06	146.28	155.78	167.76	187.57
OTTAWA-HULL							
Industrial Composite	102.74	110.36	119.17	130.21	142.46	151.09	165.13
Manufacturing	122.74	133.10	144.10	152.12	163.13	172.76	190.04
THUNDER BAY							
Industrial Composite	105.68	117.02	124.69	141.58	149.81	158.70	178.31
Manufacturing	119.41	131.91	141.17	153.56	166.56	183.39	206.23
WINDSOR							
Industrial Composite	128.92	137.28	150.80	163.30	183.33	201.17	210.97
Manufacturing	145.17	154.47	172.01	187.15	209.58	232.01	244.20

Source: SC, Employment, Earnings and Hours.



Table 11.14  
PERCENTAGE OF OFFICE EMPLOYEES WHO RECEIVE ANNUAL VACATIONS WITH PAY, INDUSTRIAL COMPOSITE, CANADA AND  
ONTARIO, 1967 - 1974<sup>1</sup>

	Survey Coverage		Provide Vacations With Pay	Vacation With Pay						
	Total Number Of Reporting Units	Total Number Of Employees		Number of Weeks						
				1	2	3	4	5	6	
				Per Cent						
1967	Canada	22,556	1,107,209	100	56	86	92	76	11	-
	Ontario	9,111	486,833	100	59	86	92	76	12	
1968	Canada	22,953	1,201,492	100	60	85	93	80	15	1
	Ontario	9,194	540,815	100	63	85	94	80	16	1
1969	Canada	22,936	1,234,264	100	56	83	94	82	19	1
	Ontario	9,266	560,539	100	63	84	94	82	22	2
1970	Canada	23,806	1,120,404	100	64	95	94	84	18	2
	Ontario	9,606	522,032	100	66	96	95	85	20	2
1971	Canada	22,715	1,132,915	100	62	92	95	86	27	3
	Ontario	9,186	519,892	100	67	97	96	87	30	3
1972	Canada	21,073	1,136,643	100	52	81	96	87	44	3
	Ontario	8,520	527,603	100	54	83	96	88	49	4
1973	Canada	21,261	1,147,573	100	48	77	95	88	51	4
	Ontario	8,682	538,132	100	51	74	96	88	59	5
1974	Canada	18,902	1,143,080	100	48	75	97	90	55	8
	Ontario	7,830	530,471	100	47	73	97	90	63	10

1) All percentages in this table are proportions of the number of employees in reporting units which practise these actual vacation benefits given under 'Survey Coverage'.

Source: Labour Canada, Working Conditions in Canadian Industry.

Table 11.15  
PERCENTAGE OF NON-OFFICE EMPLOYEES WHO RECEIVE ANNUAL VACATIONS WITH PAY, INDUSTRIAL COMPOSITE, CANADA  
AND ONTARIO, 1967 - 1974<sup>1</sup>

	Survey Coverage		Provide Vacations With Pay	Vacation With Pay							
	Total Number Of Reporting Units	Total Number Of Employees		Number of Weeks							
				1	2	3	4	5	6		
1967											
Canada	21,410	2,257,042	99	60	91	81	60	10			
Ontario	8,693	966,510	100	66	95	83	61	13			
1968											
Canada	21,606	2,246,546	99	62	92	84	64	14			
Ontario	8,719	957,208	100	71	96	86	66	18			
1969											
Canada	21,381	2,246,113	99	56	93	83	66	18			
Ontario	8,644	964,373	99	69	95	84	67	23			
1970											
Canada	22,177	1,913,508	98	56	93	83	69	21			
Ontario	9,006	835,535	99	66	95	85	71	25			
1971											
Canada	21,297	1,929,928	99	51	94	85	71	31			
Ontario	8,647	832,808	99	63	97	87	73	34			
1972											
Canada	19,648	1,871,012	99	47	92	86	72	41			
Ontario	7,975	811,257	100	60	97	88	75	47			
1973											
Canada	19,664	1,920,668	99	48	91	88	74	46			
Ontario	8,059	828,105	100	61	93	89	76	51			
1974											
Canada	17,525	1,779,656	100	42	91	89	77	51			
Ontario	7,209	782,781	100	48	95	90	79	56			

1) All percentages in this table are proportions of the number of employees in reporting units which practise these actual vacation benefits given under 'Survey Coverage'.

Source: Labour Canada, Working Conditions in Canadian Industry.

Table 11.16  
TOTAL INCOME AND TAXABLE INCOME, BY REGION, CANADA, 1966 - 1972

Taxable and Non-Taxable Returns	Canada	Ontario	Atlantic Region	Quebec
1966				
Number of Returns	7,733,125	3,070,140	595,628	1,991,477
Total Income (\$ Million)	34,249.1	14,372.1	2,092.3	8,737.1
Taxable Income (\$ Million)	19,447.1	8,617.8	957.3	4,762.1
1967				
Number of Returns	8,133,695	3,212,436	632,029	2,095,927
Total Income (\$ Million)	37,837.2	15,797.2	2,317.5	9,668.6
Taxable Income (\$ Million)	22,407.9	9,792.0	1,138.3	5,549.3
1968				
Number of Returns	8,495,184	3,365,605	663,999	2,169,818
Total Income (\$ Million)	41,779.6	17,670.9	2,555.4	10,542.5
Taxable Income (\$ Million)	25,755.6	11,418.0	1,329.8	6,284.1
1969				
Number of Returns	8,882,066	3,538,299	688,723	2,236,245
Total Income (\$ Million)	46,467.3	19,877.9	2,861.3	11,481.2
Taxable Income (\$ Million)	29,814.0	13,322.6	1,581.0	7,077.0
1970				
Number of Returns	9,183,407	3,658,293	718,309	2,310,896
Total Income (\$ Million)	50,825.4	21,780.6	3,168.8	12,653.8
Taxable Income (\$ Million)	33,621.2	15,025.1	1,829.6	8,091.2
1971				
Number of Returns	9,533,292	3,773,776	749,650	2,419,839
Total Income (\$ Million)	56,015.5	23,866.0	3,528.7	13,849.7
Taxable Income (\$ Million)	38,049.5	16,836.8	2,127.7	9,129.5
1972				
Number of Returns	10,382,005	4,182,099	828,536	2,581,164
Total Income (\$ Million)	66,248.6	27,979.6	4,408.5	16,226.1
Taxable Income (\$ Million)	39,208.0	17,313.4	2,251.5	9,309.3

Table 11.16 (cont'd)

Taxable and Non-Taxable Returns	Prairie Region	British Columbia	Northwest Territories, Yukon and Non-Residents	
1966				
Number of Returns	1,259,492	791,118	25,270	
Total Income (\$ Million)	5,174.7	3,774.1	98.7	
Taxable Income (\$ Million)	2,792.2	2,252.5	65.1	
1967				
Number of Returns	1,331,519	838,203	23,581	
Total Income (\$ Million)	5,786.4	4,159.9	107.5	
Taxable Income (\$ Million)	3,300.3	2,557.3	70.7	
1968				
Number of Returns	1,386,544	881,424	27,794	
Total Income (\$ Million)	6,271.6	4,615.0	124.3	
Taxable Income (\$ Million)	3,702.5	2,936.3	84.9	
1969				
Number of Returns	1,439,296	949,136	30,367	
Total Income (\$ Million)	6,786.4	5,310.1	150.5	
Taxable Income (\$ Million)	4,202.9	3,525.5	105.0	
1970				
Number of Returns	1,479,277	983,921	32,711	
Total Income (\$ Million)	7,302.9	5,742.7	176.7	
Taxable Income (\$ Million)	4,660.4	3,894.4	120.5	
1971				
Number of Returns	1,521,305	1,038,294	30,428	
Total Income (\$ Million)	8,088.5	6,497.2	185.4	
Taxable Income (\$ Million)	5,295.8	4,524.9	134.8	
1972				
Number of Returns	1,632,169	1,117,048	40,989	
Total Income (\$ Million)	9,644.3	7,691.9	298.1	
Taxable Income (\$ Million)	5,436.7	4,710.9	186.3	

Source: Revenue Canada, Taxation Statistics.

Table 11.17  
TAXABLE RETURNS, BY COUNTY, ONTARIO, 1969 - 1972

	1969			1970		
	Number of Returns	Total Income	Total Tax Payable	Number of Returns	Total Income	Total Tax Payable
		-----\$'000's	-----		-----\$'000's	-----
Ontario	3,016,533	19,339,794	3,247,329	3,120,633	21,226,009	3,731,027
Algonia	42,515	267,977	40,842	41,540	293,865	48,983
Brant	38,537	225,256	35,456	37,487	227,624	37,009
Bruce	15,292	80,084	10,891	16,605	94,262	14,111
Cochrane	29,779	170,457	25,086	30,857	198,871	31,158
Dufferin	6,893	40,650	6,310	6,978	41,914	6,436
Dundas	5,467	28,694	3,944	5,608	30,543	4,418
Durham	13,933	84,780	12,684	16,001	93,385	13,770
Elgin	25,222	140,044	20,642	24,699	143,671	22,254
Essex	115,223	781,187	125,773	119,253	858,500	146,495
Frontenac	38,001	230,382	37,430	39,172	253,214	43,409
Glengarry	4,690	22,983	2,931	4,084	22,561	3,139
Grenville	8,362	47,115	6,758	8,598	46,602	6,817
Grey	22,596	115,732	16,102	23,347	127,821	18,597
Haldimand	10,421	59,381	8,519	11,938	68,636	10,240
Haliburton	2,990	14,735	1,925	2,461	12,561	1,686
Halton	41,401	300,593	53,800	44,772	337,016	61,733
Hastings	33,918	188,298	27,871	35,999	209,868	32,964
Huron	15,397	82,733	11,822	16,384	88,633	13,130
Kenora	16,128	94,527	13,891	16,241	104,319	16,612
Kent	36,103	213,236	32,899	37,500	235,813	38,215
Lambton	41,556	283,651	47,326	42,410	307,925	53,571
Lanark	15,234	80,768	11,608	16,183	92,464	14,257
Leeds	18,198	103,016	15,342	18,103	107,066	17,018
Lennox-Addington	7,220	38,939	5,379	8,021	45,464	6,666
Manitoulin	2,233	11,073	1,509	2,288	12,795	1,855
Middlesex	114,116	712,381	117,754	116,745	770,522	132,400
Muskoka	9,558	47,942	6,578	12,145	68,506	10,316
Niagara	130,537	832,709	130,825	134,896	896,281	145,677
Nipissing	23,745	138,740	20,288	24,183	154,013	24,709

Table 11.17 (cont'd)

	1969			1970		
	Number of Returns	Total Income	Total Tax Payable	Number of Returns	Total Income	Total Tax Payable
		----- \$,000's -----	----- \$,000's -----		----- \$,000's -----	----- \$,000's -----
Norfolk	19,060	107,121	16,502	18,743	112,511	18,816
Northumberland	13,772	74,460	10,687	14,921	89,121	13,722
Ontario	74,551	488,528	80,289	71,009	471,585	79,450
Ottawa-Carleton	184,380	1,284,092	227,308	195,454	1,449,650	271,639
Oxford	31,182	178,520	27,155	31,512	189,070	30,020
Parry Sound	8,759	46,078	6,239	9,194	55,193	8,379
Peel	98,700	733,257	132,237	109,818	856,106	160,439
Perth	22,674	128,651	19,279	24,454	143,689	22,253
Peterborough	31,419	192,033	30,369	33,044	214,447	35,364
Prescott	6,961	35,907	4,867	7,583	43,107	6,261
Prince Edward	6,057	30,122	4,017	5,894	32,134	4,659
Rainy River	7,825	45,027	6,531	8,438	54,282	8,573
Renfrew	25,819	143,955	20,409	26,525	153,987	23,217
Russell	5,698	30,741	4,072	5,866	33,949	4,865
Simcoe	58,443	306,693	44,034	65,959	365,245	56,045
Stormont	20,803	111,330	15,861	20,858	122,004	18,717
Sudbury	64,662	411,595	63,674	72,464	539,220	95,132
Thunder Bay	53,796	338,391	53,169	55,646	362,233	59,266
Timiskaming	14,063	80,747	11,619	15,846	94,062	14,327
Toronto <sup>1</sup>						
Victoria	12,064	62,617	8,459	12,147	66,680	9,861
Waterloo	108,620	658,270	105,264	110,121	700,178	117,351
Wellington <sup>2</sup>	39,997	233,663	35,875	40,466	251,090	40,733
Wentworth	191,370	1,245,142	205,937	197,499	1,390,372	244,293
York	1,030,593	6,934,791	1,261,294	1,052,674	7,491,381	1,409,997

Table 11.17 (cont'd)

	1971			1972		
	Number of Returns	Total Income	Total Tax Payable	Number of Returns	Total Income	Total Tax Payable
			----- \$'000 's -----			----- \$'000 's -----
Ontario	3,007,742	22,936,254	4,127,964	3,235,810	26,670,088	4,804,481
Algoma	40,416	312,706	53,518	43,060	352,282	60,246
Brant	35,366	245,296	41,246	38,214	289,647	49,061
Bruce	18,146	121,858	19,584	16,744	123,055	19,835
Cochrane	29,197	213,485	34,870	32,462	248,338	40,492
Dufferin	6,158	42,334	6,978	8,326	61,139	10,240
Dundas	4,488	28,858	4,653	5,590	36,206	5,498
Durham	15,391	106,502	16,949	16,572	128,565	21,239
Elgin	23,764	156,724	25,031	23,870	174,807	28,419
Essex	112,532	896,161	154,270	118,223	1,029,861	181,115
Frontenac	37,463	278,966	49,625	40,963	332,140	58,708
Glengarry	3,543	21,415	2,964	5,361	36,067	5,719
Grenville	8,229	55,304	8,741	8,893	62,537	9,938
Grey	20,537	126,058	19,391	21,654	149,893	23,189
Halimand	10,755	74,008	11,666	11,495	87,169	13,835
Haliburton	1,804	10,403	1,553	2,165	14,813	2,216
Haltoun	44,597	381,189	72,610	46,602	433,202	83,219
Hastings	34,298	224,755	36,085	40,127	296,491	48,377
Huron	14,634	95,706	15,310	15,762	107,841	16,508
Kenora	14,866	107,210	17,526	17,383	131,362	21,334
Kent	36,641	256,913	42,761	37,948	299,679	50,724
Lambton	38,074	310,754	54,712	41,092	357,553	64,026
Lanark	15,462	97,252	15,265	16,135	111,175	17,649
Leeds	17,931	121,100	19,782	19,198	136,715	22,182
Lennox-Addington	7,603	48,761	7,474	9,570	67,094	10,448
Manitowlin	2,343	13,225	1,851	2,458	16,413	2,345
Middlesex	112,146	845,680	150,911	120,795	971,542	171,714
Muskoka	9,788	62,940	10,028	12,323	82,582	12,332
Niagara	127,658	966,366	165,039	135,830	1,094,508	186,416
Nipissing	24,145	170,360	27,515	26,112	201,467	33,497



Table 11.17 (cont'd)

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	1971		1972	
	Number of Returns	Total Income \$'000's	Number of Returns	Total Income \$'000's
		Total Tax Payable		Total Tax Payable
Norfolk	18,034	117,749	19,911	140,794
Northumberland	14,744	95,853	16,093	117,224
Ontario	69,309	553,670	72,559	633,304
Ottawa-Carleton	193,480	1,612,067	214,268	1,960,029
Oxford	29,367	193,841	33,139	235,285
Parry Sound	8,822	56,039	9,335	64,385
Peel	108,031	925,154	125,706	1,155,610
Perth	22,691	146,144	24,650	173,911
Peterborough	31,344	225,313	32,327	249,562
Prescott	7,320	44,570	7,486	49,311
Prince Edward	5,960	36,941	6,618	42,898
Rainy River	8,702	62,721	8,559	67,628
Renfrew	24,443	168,266	30,927	224,503
Russell	5,931	39,209	6,394	45,093
Simcoe	60,756	396,416	71,862	519,305
Stormont	20,191	136,332	21,918	157,940
Sudbury	70,552	573,631	68,887	597,096
Thunder Bay	54,505	409,511	56,403	458,912
Timiskaming	13,783	95,043	14,725	104,859
Toronto <sup>1</sup>	..	..	..	..
Victoria	11,195	70,357	12,839	87,322
Waterloo	107,498	773,718	117,442	896,767
Wellington	41,291	288,411	45,282	346,761
Wentworth	190,210	1,487,846	201,093	1,718,469
York	1,021,608	8,035,164	1,082,460	9,188,989
		1,533,713		1,749,470

1) Included in York county.

2) Includes Burlington which is in Halton county.

Source: Revenue Canada, Taxation Statistics.



Table 11.13  
TAXABLE RETURNS, BY SELECTED CITY, ONTARIO, 1969 - 1972

	1969			1970		
	Number of Returns	Total Income	Total Tax Payable	Number of Returns	Total Income	Total Tax Payable
		----- \$'000's -----	-----		----- \$'000's -----	-----
Toronto <sup>1</sup>	1,005,370	6,777,423	1,235,785	1,025,014	7,300,304	1,377,043
Hamilton	191,370	1,245,142	205,937	197,499	1,390,372	244,293
Ottawa	175,001	1,223,630	217,480	185,473	1,381,812	259,870
London	100,353	636,655	106,864	102,600	690,092	120,402
Windsor	88,771	618,686	101,153	91,426	675,714	116,913
Mississauga	..	..	..	..	..	..
Kitchener	81,373	501,637	81,796	83,818	542,364	92,288
St. Catharines	48,734	327,386	53,976	49,506	338,779	56,793
Thunder Bay	43,553	272,027	43,088	45,398	293,665	48,375
Oshawa <sup>2</sup>	38,416	261,718	44,079	38,807	260,022	44,220
Sudbury	50,932	324,494	51,294	56,503	425,474	76,643
Sault Ste. Marie	30,081	191,543	29,190	30,167	216,722	36,833
Niagara Falls	25,720	155,564	23,452	27,981	177,185	27,713
Brantford	31,773	187,070	29,798	30,837	190,093	31,288
Oakville	22,225	176,383	33,259	24,950	201,308	38,497
Guelph	25,593	155,773	24,963	26,167	172,494	29,385
Kingston	34,181	209,793	34,629	35,166	232,359	40,603
Peterborough	26,591	166,907	26,983	27,394	183,178	30,826
Sarnia	30,211	219,450	37,950	31,094	239,250	43,026
North Bay	17,004	101,853	15,376	17,470	115,443	19,315
Cornwall	17,488	95,404	13,887	17,299	102,642	15,792
Welland	17,923	112,255	17,659	17,729	120,144	20,158
Brampton	18,781	129,622	22,037	19,448	137,259	24,317
Galt <sup>3</sup>	17,983	103,511	15,917	17,841	107,284	17,296

Table 11.18 (cont'd)

	1971		1972	
	Number of Returns	Total Income -----\$ '000's-----	Number of Returns	Total Income -----\$ '000's-----
Toronto	993,366	7,816,042	1,063,789	9,039,970
Hamilton	190,210	1,487,846	201,093	1,718,469
Ottawa	182,971	1,529,855	201,522	1,849,603
London	99,141	760,211	106,382	866,416
Windsor	85,401	695,238	95,772	852,100
Mississauga	58,692	519,426	67,428	656,911
Kitchener	80,727	592,349	80,502	634,292
St. Catharines	47,746	374,947	50,886	420,868
Thunder Bay	44,461	333,497	46,064	373,175
Oshawa	36,067	294,385	37,665	330,264
Sudbury <sup>2</sup>	54,729	449,158	53,681	471,943
Sault Ste. Marie	29,059	232,197	31,149	265,533
Niagara Falls	24,253	176,889	27,129	212,510
Brantford	29,241	206,015	31,367	237,202
Oakville	25,038	226,869	25,852	257,095
Guelph	26,189	191,289	29,251	230,090
Kingston	33,465	252,568	36,135	298,730
Peterborough	26,507	195,837	27,387	217,467
Sarnia	27,921	241,434	30,356	276,133
North Bay	16,170	117,727	18,524	151,011
Cornwall	17,321	117,272	18,149	132,527
Welland	17,964	133,824	18,983	149,360
Brampton	20,945	164,469	23,619	189,433
Galt <sup>3</sup>	18,271	121,947	27,921	197,734

1) Figures for Hamilton consist of Wentworth County and Burlington which is in Halton County.

2) Includes Copper Cliff except in 1972.

3) In 1972 the figures are for Cambridge which consists of Galt, Hespeler and Preston.

Source: Revenue Canada, Taxation Statistics.

Section 12

## PRICES



## TABLES

- Table 12.1 Price Indexes: Consumer, General Wholesale, Implicit (Gross National Expenditure) and Common Stock, Canada, 1950-1974
- 12.2 Price Indexes: Domestic Export, Import, Residential Building Materials and Non-Residential Building Materials, Canada, 1950-1974
- 12.3 Industrial and Farm Price Indexes, Canada, 1950-1974
- 12.4 Consumer Price Indexes, by Selected City, Canada and Ontario, Selected Years, 1963-1974
- 12.5 Index Numbers of Farm Prices of Agricultural Products and Index Numbers of Physical Volume of Agricultural Production, Canada and Ontario, 1950-1974



## HIGHLIGHTS

In 1974 the residential building materials price index for Canada was 195.2 (1961 = 100), representing a 9.1 per cent increase over 1973. The domestic export price index for Canada rose to 167.8 from 124.1 from 1973 to 1974, an increase of 35.2 per cent (1968 = 100). The import price index rose 32.7 per cent from 120.9 to 160.4 from 1973 to 1974 (1968 = 100).

In 1974 the farm prices index for agricultural products rose 20.2 points, or 10.7 per cent, to 208.6 from 1973 in Ontario.

The all-items consumer price index in 1974 stood at 166.8 (1961 = 100). For Toronto this index was 159.1 and for Ottawa 161.9 in the same year.

The 1974 Canadian food price index was 188.4, up 16.3 per cent from 1973; Toronto was 183.9, up 16.0 per cent; and Ottawa was 185.9, up 16.0 per cent. From 1973 to 1974 the Canadian housing index rose 8.7 per cent to 165.7; the Toronto index rose 8.3 per cent to 142.2; and the Ottawa index rose 8.3 per cent to 145.5. From 1973 to 1974 the Canada clothing index increased 9.6 per cent to 151.9 and the transportation index rose 9.9 per cent to 150.4. Respective increases for Toronto were 9.7 per cent and 10.0 per cent; those for Ottawa 9.6 per cent and 12.2 per cent.

## DEFINITIONS

### *The Consumer Price Index for Canada*

The Consumer Price Index measures the percentage change through time in the cost of purchasing a constant "basket" of goods and services representing the purchases by a particular population group in a specified time period. The "basket" is an unchanging or equivalent quantity and quality of goods and services, consisting of items for which there are continually measurable market prices over time.

The index relates to a broad but specific group of urban families and reflects the price changes experienced by that "target group". The index may not represent closely the experience of any one specific family within the group, nor should it be expected to reflect price change for other population groups for which income, family size and place of residence are characteristically different. The target group to which the current index relates is composed of families - (a) living in cities with over 30,000 population, (b) ranging in size from two to six persons and (c) with annual incomes in 1967 ranging from \$4,000 to \$12,000. To measure the influences of price change on the cost of goods and services purchased by such families, the Consumer Price Index reflects movements of some 300 items.

From March 1961 to April 1973 inclusive, the weights or relative importance of the items in the Consumer Price Index were based on 1957 family expenditure patterns. A subsequent weight revision to reflect 1967 family expenditure patterns (and within the food component, 1969 detailed spending habits) was introduced in May 1973.

### *General Wholesale Index*

The General Wholesale Index is a commodity classified index of prices. The index is "general" inasmuch as it incorporates a diverse selection of both primary and processed commodities. It is called "wholesale" because its ingredient prices relate to that broad and heterogeneous area of commodity distribution which excludes only retail trade. In fact, the term "wholesale" has more of a connotation of bulk trading than of any homogeneous level of distribution. Thus, though the index mainly includes prices of producers, it also covers transactions of "middle men" who trade in commodities of a type or in quantities characteristics of primary marketing functions.

Though general wholesale price indexes have been calculated by many countries for years there is no precise answer to the question of what such an index measures. This is so because the index cannot be associated with any adequately definable value aggregate. Unlike a consumer price index which can be identified with expenditures of household consumers, a general wholesale index covers a host of overlapping transactions sometimes involving the same ingredient in as many as three different stages of processing. Yet, conceptually, it is not a measure of the purchasing power of money because it omits



significant areas of monetary transactions such as prices of land, labour, securities and services, except in so far as prices of these things are implicit in commodity prices. As a conventional summary figure, its use has tended towards a reference level against which to observe the behaviour of particular price groups such as farm products, industrial materials, building materials and the various other groupings for which indexes are published. And as an indicator of general business conditions it is usually included in the group which is regarded as approximately coincident with the business cycle. However, its main attribute now lies in its long historical continuity.

#### *Industry Selling Price Index: Manufacturing*

The index is gross weighted. It measures: - the movements of prices of gross shipments of manufacturing industries, including inter-industry shipments between individual industries within manufacturing. Therefore, it duplicates the movements of some prices in the sense that, for example, flour prices are given full weight as part of the shipments of the Flour Mills Industry and then are implicitly counted again through full weighting of the shipment prices of those manufacturing industries which use flour as an ingredient in their outputs, e.g., bread, biscuits, cakes, etc.

#### *Farm Input Price Indexes*

Farm Input Price Indexes measure: - through time, changes in prices of commodities and services used in Canadian farming operations. The item content and weights are based on data from the 1958 Farm Income and Expenditure Survey, the most recent source of sufficiently detailed data. These data have been modified to reflect 1961 prices and conditions. Farm Input Price Indexes are calculated quarterly for Eastern, Western and all Canada on a 1961 = 100 time base.

#### *Security Price Indexes*

Security price indexes measure: through time the effect of price change on the value of a portfolio of stocks bought and held by a hypothetical investor (as opposed to the more speculative trader). The portfolio represents stocks of Canadian companies listed on Toronto and Montreal stock exchanges.

#### *Index Number of Farm Prices of Agricultural Products*

Most of the price information used in compiling the index is obtained from reports furnished monthly by volunteer farm correspondents throughout Canada. The prices used in computing the index are, as closely as can be determined, the prices which are actually received by the farmers at the farm level. Subsidies, bonuses and premiums which can be attributed to specific products are all included in the prices, whereas storage, transportation, processing and handling

charges which are not actually received by farmers are excluded. In reporting prices to the bureau each month, price correspondents are asked to report the average prices prevailing to their neighbourhood, taking into account the various grades of each commodity marketed. Thus, average prices reported by these correspondents may differ from month to month as a result of changes in price, changes in quality marketed or a combination of both. In effect, this index is not a measure of pure price change but a measure of the change in returns to farmers per unit of product marketed.

Table 12.1

PRICE INDEXES: CONSUMER, GENERAL WHOLESALE, IMPLICIT (GROSS NATIONAL EXPENDITURE) AND COMMON STOCK, CANADA, 1950 - 1974

	Consumer Prices	General Wholesale Prices <sup>1</sup>	Implicit Price Index, Gross National Expenditure	Investors' Index Numbers of Common Stock Prices
Annual Averages - 1961 = 100				
1950	102.9	90.5	76.8	37.1
1951	113.7	103.0	85.2	47.5
1952	116.5	96.9	88.0	48.8
1953	115.5	94.6	87.9	45.2
1954	116.2	93.0	88.3	51.1
1955	116.4	93.8	89.8	65.6
1956	118.1	96.7	93.6	75.4
1957	121.9	97.5	95.2	72.9
1958	125.1	97.6	96.3	70.9
1959	126.5	98.8	98.6	83.2
1960	99.1	99.0	99.8	78.8
1961	100.0	100.0	100.0	100.0
1962	101.2	102.9	101.4	96.4
1963	103.0	104.8	103.2	103.1
1964	104.8	105.2	105.8	120.8
1965	107.4	107.3	109.2	132.8
1966	111.4	111.2	114.1	125.3
1967	115.4	113.2	118.6	131.3
1968	120.1	115.7	122.4	135.2
1969	125.5	121.0	127.8	149.8
1970	129.7	122.8	133.9	137.7
1971	133.4	124.3	138.1	147.4
1972	139.8	133.0	144.7	174.6
1973	150.4	161.6	155.8	187.5
1974	166.8	197.3	176.2	157.9

1) 1961 = 100 adapted as base year by Ontario Statistical Centre.

Sources: SC, Prices Division.

Prices and Price Indexes.

National Income and Expenditure Accounts.

Canadian Statistical Review.

Table 12.2

PRICE INDEXES: DOMESTIC EXPORT, IMPORT, RESIDENTIAL BUILDING MATERIALS AND NON-RESIDENTIAL BUILDING MATERIALS, CANADA, 1950 - 1974

	Domestic Export Price Index <sup>1</sup>	Import Price Index <sup>1</sup>	Residential Building Materials <sup>2</sup>	Non- Residential Building Materials <sup>2</sup>
Annual Averages				
1950	108.3	110.3	83.0	80.1
1951	123.0	126.2	97.8	90.5
1952	121.8	110.4	97.4	93.9
1953	118.3	109.4	96.6	94.8
1954	115.1	109.5	94.9	92.9
1955	117.7	110.5	96.9	94.2
1956	121.4	113.0	100.1	97.7
1957	121.0	116.4	100.1	99.2
1958	120.6	116.5	99.2	99.0
1959	122.8	114.4	101.3	100.5
1960	123.0	115.5	100.7	101.0
1961	124.0	119.1	100.0	100.0
1962	128.1	124.5	100.7	99.1
1963	128.9	129.4	104.1	101.8
1964	130.7	130.8	109.5	106.6
1965	132.4	130.8	115.8	111.5
1966	137.9	132.5	121.1	115.4
1967	97.7	97.7	125.2	117.8
1968	100.0	100.0	132.1	120.7
1969	102.5	102.3	139.2	126.1
1970	105.1	104.3	137.6	129.5
1971	105.0	106.0	144.4 <sup>2</sup>	134.1 <sup>2</sup>
1972	108.0	109.3	158.5	142.3
1973	124.1	120.9	179.0	157.5
1974	167.8	160.4	195.2	186.2

1) For years 1950 - 1967, the base year is 1948 = 100; for years 1968 - 1974, the base year is 1968 = 100.

2) 1961 = 100

Sources: SC, External Trade Division.

Prices and Price Indexes.

Canadian Statistical Review.

Table 12.3  
INDUSTRIAL AND FARM PRICE INDEXES, CANADA, 1950 - 1974

	Industrial Materials <sup>1</sup>	Industry Selling Prices (Manufacturing)	Farm Prices of Agricultural Products	Wholesale Prices of Farm Products <sup>1</sup>	Farm Input Prices Eastern Canada <sup>2</sup>
Annual Averages - 1961 = 100					
1950	100.6	..	101.0	102.5	..
1951	121.8	..	115.0	116.3	..
1952	103.9	..	106.3	108.4	..
1953	95.5	..	97.0	95.9	..
1954	92.0	..	91.7	92.5	..
1955	97.0	..	90.1	92.1	..
1956	102.1	..	90.9	92.8	..
1957	98.8	..	91.2	92.5	..
1958	94.5	..	95.2	96.5	..
1959	98.8	..	95.2	97.0	..
1960	98.9	..	96.1	98.1	..
1961	100.0	100.0	100.0	100.0	100.0
1962	102.0	101.1	104.3	104.3	103.4
1963	104.2	102.5	102.9	102.4	105.7
1964	106.2	103.3	101.3	100.8	107.0
1965	106.4	104.7	107.8	108.2	110.2
1966	107.5	107.7	117.0	115.0	116.9
1967	104.1	109.8	116.0	114.3	121.4
1968	104.4	112.1	114.0	112.8	124.3
1969	110.1	116.3	116.8	117.2	128.1
1970	110.5	119.1	116.0	117.1	131.4
1971	109.7	121.6	117.2	115.9	135.8
1972	123.1	127.4	132.9	129.1	141.5
1973	160.7	142.7	191.8	180.7	170.1
1974	203.7	171.3	223.3	215.6	198.0

1) 1961 = 100 adapted as base year by Ontario Statistical Centre.

2) Excludes living component.

Sources: SC, Prices Division.

Prices and Price Indexes.

Index Numbers of Farm Prices of Agricultural  
Products.

Canadian Statistical Review.

Table 12.4  
CONSUMER PRICE INDEXES, BY SELECTED CITY, CANADA AND ONTARIO, SELECTED YEARS, 1963 - 1974

	All-Items	Food	Housing	Clothing	Trans- portation	Health & Personal Care	Recreation and Reading	Tobacco and Alcohol
Canada (1961 = 100)								
1963	103.0	105.1	102.3	103.4	99.9	104.6	102.2	101.5
1964	104.8	106.8	103.9	106.0	101.0	108.0	103.9	103.4
1965	107.4	109.6	105.8	107.9	104.0	113.0	105.6	105.1
1966	111.4	116.6	108.7	112.0	107.3	116.5	108.6	107.6
1967	115.4	118.1	113.4	117.6	111.8	122.5	114.1	110.3
1968	120.1	122.0	118.6	121.1	114.7	127.4	119.7	120.4
1969	125.5	127.1	124.7	124.5	120.0	133.6	126.8	125.0
1970	129.7	130.0	130.9	126.8	124.8	139.5	131.2	126.5
1971	133.4	131.4	136.8	128.7	129.9	142.4	135.6	128.6
1972	139.8	141.4	143.2	132.0	133.3	149.2	139.4	132.1
1973	150.4	162.0	152.4	138.6	136.8	156.4	145.2	136.3
1974	166.8	188.4	165.7	151.9	150.4	170.0	157.9	143.8
Toronto (1961 = 100)								
1963	102.6	104.6	100.7	105.4	100.2	104.6	101.2	101.3
1964	104.3	106.5	101.1	108.4	104.1	108.6	102.3	102.2
1965	106.9	110.0	102.0	110.9	108.5	114.4	103.9	102.7
1966	111.6	118.0	104.9	116.4	112.3	118.3	106.4	107.3
1967	114.9	117.3	109.4	121.4	117.3	123.8	111.5	110.0
1968	119.3	121.0	113.6	124.6	119.3	128.0	118.6	122.9
1969	124.1	126.1	118.0	127.7	126.0	133.2	122.9	128.5
1970	127.3	128.4	121.0	130.1	131.2	139.8	126.7	130.3
1971	129.4	128.4	123.5	131.4	136.7	142.3	131.3	132.2
1972	134.7	138.1	126.1	134.9	141.0	148.4	136.1	138.6
1973	144.0	158.5	131.3	142.9	142.5	158.8	141.5	142.9
1974	159.1	183.9	142.2	156.7	156.8	174.4	154.0	149.8

Table 12.4 (cont'd)

	All Items	Food	Housing	Clothing	Trans- portation	Annual Averages		
						Health & Personal Care	Recreation and Reading	Tobacco and Alcohol
Ottawa (1961 = 100)								
1963	102.9	105.8	100.7	104.8	100.8	104.4	101.6	101.8
1964	104.5	108.1	100.7	107.0	103.0	107.3	104.8	103.1
1965	106.3	111.0	101.1	108.4	104.9	113.6	107.1	104.1
1966	110.4	118.4	102.5	112.9	108.6	118.0	109.1	108.6
1967	113.1	119.7	104.8	118.3	110.6	122.9	115.4	111.8
1968	118.4	124.3	108.7	121.5	116.2	129.6	122.3	124.2
1969	123.1	128.1	114.2	125.5	118.7	135.9	133.3	130.2
1970	127.4	130.8	119.6	129.1	125.2	142.4	136.6	132.2
1971	130.7	132.1	124.6	130.3	131.7	144.5	138.2	134.3
1972	136.0	140.4	128.5	135.2	134.0	151.2	143.1	140.7
1973	146.3	160.3	134.3	144.0	140.9	159.4	151.1	144.9
1974	161.9	185.9	145.5	157.8	158.1	173.0	162.0	153.4
Thunder Bay (1969 = 100)								
1969	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1970	102.3	103.3	101.2	100.6	103.2	106.0	104.0	101.5
1971	103.9	103.6	103.0	102.3	106.7	107.6	106.4	101.3
1972	107.6	111.0	105.2	102.4	110.0	113.4	109.7	104.8
1973	115.0	126.9	110.9	106.7	113.8	118.5	113.7	107.7
1974	127.3	146.6	120.1	117.4	127.9	126.9	122.1	113.3

Source: SC, Prices and Price Indexes.

Table 12.5

INDEX NUMBERS OF FARM PRICES OF AGRICULTURAL PRODUCTS AND INDEX  
NUMBERS OF PHYSICAL VOLUME OF AGRICULTURAL PRODUCTION, CANADA<sup>1</sup> AND  
ONTARIO, 1950 - 1974

	<u>Index Numbers of Farm Prices of Agricultural Products</u>		<u>Index Numbers of Physical Volume of Agricultural Production</u>	
	Canada	Ontario	Canada	Ontario
1950	101.0	100.2	93.2	73.0
1951	115.0	119.1	103.2	75.8
1952	106.3	108.1	118.2	77.5
1953	97.0	99.7	109.9	77.5
1954	91.7	95.6	87.8	77.6
1955	90.1	94.2	107.3	78.9
1956	90.9	94.7	115.2	80.0
1957	91.2	97.2	99.2	84.7
1958	95.2	101.0	107.4	93.2
1959	95.2	99.2	107.9	90.6
1960	96.1	100.3	114.7	93.5
1961	100.0	100.0	100.0	100.0
1962	104.3	102.6	127.7	105.1
1963	102.9	102.6	139.9	106.4
1964	101.3	100.5	129.5	108.9
1965	107.8	110.1	137.1	108.6
1966	117.0	122.0	155.1	118.0
1967	116.0	123.0	134.7	114.6
1968	114.0	124.0	145.3	118.5
1969	116.8	130.7	149.8	117.7
1970	116.0	128.4	137.9	124.6
1971	117.2	129.4	157.2	126.1
1972	132.9	143.4	149.2	126.6
1973	191.8	188.4	156.8	127.0
1974	223.3	208.6	..	..

1) Excludes Newfoundland.

Source: SC, Index Numbers of Farm Prices of Agricultural Products.  
Ministry of Agriculture & Food,  
Agricultural Statistics for Ontario, 1973.



Section 13

## FINANCE



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## HIGHLIGHTS

### Ontario Finances

Ontario revenue was estimated to be \$4,259,272,000 in 1973. This is an increase of \$250,878,000 over the 1972 figure, representing a 6 per cent increase. In 1973, "Revenue from Own Sources" represented 50 per cent of Ontario's total general revenue, \$2.13 billion of the total revenue of \$4.26 billion. "Transfers" accounted for the remaining 50 per cent.

In 1973 it was estimated that the largest single expenditure by the provincial government was on education. Of the \$4.5 billion estimated general expenditure for that year, \$1.8 billion, or 40 per cent was on education. Transportation and Public Health services were the next highest, accounting for 13 per cent and 11 per cent, respectively.

### Issues

The number of bond issues and retirements fluctuates from year to year in Ontario. A high was reached in 1972, with a net increase for all currencies of \$620 million; the low appearing in 1973 with a \$329 million net increase, represented a drop of \$291 million. The latest data for 1974 show a rise of \$473 million, up \$144 million, or 44 per cent, from the 1973 figure.

### Foreign Reserves

Canada's reserve position in the International Monetary Fund improved steadily through 1953 to 1974. In 1961 the level stood at US\$212.1 million; by 1971 it had reached US\$332.6 million an increase of 63 per cent. In 1974 the level rose to a high of US\$529.7 million, a further 62 per cent increase over the 1971 figure.

Canada's total international reserves fluctuated through 1953 to 1974. The level in 1974 represented a high point of US\$5,825.3 million. In 1964 the level was US\$2,889.5 million. Thus over the last 10 years Canada's total monetary reserves rose US\$2,935.8 million, an increase of 102 per cent over the 1964 level.

### Cheques Cashed

In terms of value of cheques cashed in 1974 Ontario accounted for \$149 billion of the Canada total of \$604 billion. (These figures exclude Toronto and Montreal). This was about 25 per cent of the cheques cashed in value. Ten years previously Ontario accounted for \$50 billion of the Canadian total of \$179 billion. This represented about 28 per cent of the value of cheques cashed.

### Credit Unions

Credit union assets for Canada jumped from \$3,076 million in the first quarter of 1967 to \$9,270 million for the same period in 1974. This represents an increase of 33 per cent. The

Ontario figures for the same period show an increase of 35 per cent. The Ontario figure in 1974 represented almost 20 per cent of the total Canadian credit union assets. That is, in the first quarter of 1974 of the \$9,270 million Canadian credit union assets \$1,678 million were in Ontario.

### Mortgages

The estimated value of mortgages in Ontario during 1973 was \$8.6 billion, an increase of 39 per cent over the 1972 total of \$6.2 billion. Conventional mortgages rose in value to \$7.6 billion in 1973, an increase of 46 per cent over the 1972 total of \$5.2 billion. NHA mortgages decreased to \$1.02 billion in 1973 from \$1.09 billion in 1972, or by 6 per cent.

### Toronto Stock Exchange

The Toronto Stock Exchange has experienced generally an uphill trend over the past 25 years. The high point reached was in 1973 with a mark of 238.26. On the other hand, the lowest point within the last 10 years was in 1970 when the index dipped to 141.43. 1973 in general appears to have been a strong year especially when compared with 1974. The change from 1973 to 1974 in terms of the high was -9.50, and in terms of the low -49.73.

### Corporate Activity

The number of new corporations incorporated each year in Ontario continues to increase steadily. In 1972-73 there were 12,489 new firms incorporated; in 1973-74 there were 15,634. This represents an increase of 3,145, or 25.2 per cent.

Business failures in Ontario reached a peak in 1963 and during the mid-seventies. In 1963 there were 1,086 business failures in the province, 50 per cent of all Canada. In 1974 in Ontario there were 1,003 business failures, accounting for 39.9 per cent of the Canadian total.

## DEFINITIONS

### *The Canadian Financial Management System*

This is designed to encompass the operation of all governments in Canada. The system recognizes three levels of government: federal, provincial/territorial and local. The federal level comprises the Government of Canada and its special funds and agencies; the provincial/territorial level the governments, special funds and agencies of Ontario; and the local level, the governments and agencies of municipalities, local school authorities and special purpose boards and commissions.

### *Gross General Revenue and Expenditure*

These tables include the current and capital revenue and expenditure transactions of the provincial government universe which includes the departmental structure, special funds and agencies, social insurance programs, non-trusted pension plans, institutions and contributions to and from government enterprises.

### *OFFICIAL INTERNATIONAL RESERVES*

#### *Convertible Foreign Currencies*

Comprise the holdings of the Exchange Fund Account, the Receiver General for Canada and the Bank of Canada.

#### *Holdings of Currencies Other Than U.S. Dollars*

Consist of currencies defined as convertible by the IMF and valued at their official parity or central rates until May 1973 and at their month-end market closing rates thereafter.

#### *Gold Holdings*

Prior to May 1972 gold holdings were valued at slightly less than the official price to defray potential transportation costs. Commencing in that month gold holdings were valued at the official price, which added U.S. \$2.5 million to the value of reserves at that time.

#### *Canada's Holdings of Social Drawing Rights*

Include allocations to Canada of SDRS at the first of the year as follows: 1970 - U.S. \$124.3 million, 1971 - U.S. \$117.7 million, 1972 - U.S. \$116.6 million. They also reflect transactions involving Canada under the arrangements by the IMF providing for the use of SDRS by member countries and by the IMF.

#### *The Reserve Position in the IMF*

Is the amount of foreign exchange that Canada is entitled to draw from the Fund on demand for balance of payments purposes.

### *Direct Taxes*

Direct taxes include personal and corporate income tax, payroll tax, succession duties and the levies imposed on logging and mining profits. Employee contributions to non-trusted pension plans and Workmen's Compensation Board assessments are also considered as direct taxes - persons in the National Accounts System. Contributions to the Quebec Pension Plan are considered as direct taxes - persons.

### *Indirect Taxes*

Indirect taxes encompass sales taxes, motor fuel taxes, insurance premium and capital and place of business taxes, amusement taxes and real and personal property taxes. Privileges, licences and permits purchased by business entities such as motor vehicles licenses, natural resource exploration permits etc. are also regarded as indirect taxes as are the remitted profits of provincial liquor boards.

### *Transfers from Other Levels of Government*

This category includes both general and specific purpose transfers from Federal and local governments. The provincial share of federal estate tax, the tax on undistributed income and income tax on privately-owned utilities are classified as transfer payments at the provincial government level.

### *Mortgage*

A transaction by which conditional conveyance of property is provided as security for the payment of a debt or the performance of some other obligation. A conventional mortgage is one which is financed through conventional sources, i.e., other than by government funds.

### *Credit Union Assets and Liabilities*

#### *Assets*

Cash - includes money on hand, deposits in chartered banks, trust companies, Province of Ontario Savings Office, and credit union Centrals.

Investments - includes term deposits, bonds and debentures of, and guaranteed by, governments at all levels in Canada, shares in centrals, and debentures and shares of reputable corporations (all valued at cost). Specifically excluded are investments in the shares of other credit unions.

Loans Receivable - includes all loans outstanding at the end of the accounting period, sub-divided into two main groups:

- 1) secured by a realty mortgage on property (excluding chattel mortgages), and
- 2) not secured by a mortgage (primarily personal loans).



Fixed Assets - includes buildings (less accumulated depreciation), and furniture, fixtures and equipment (less accumulated depreciation), and land.

### *Liabilities*

Accounts Payable - includes interest payable on borrowings and term deposits, and all commercial accounts owed by the credit union.

Loans Payable - includes borrowings of credit unions from chartered banks, and credit union centrals.

Deposits - includes ordinary or demand deposits, term deposits, and chequing account deposits as follows:

Demand - money received by credit unions from their members, which members may subsequently withdraw "on demand" after satisfying a statutory waiting period or notice of intent to withdraw up to 30 days.

Term - money deposited by credit union members, which funds cannot be withdrawn prior to a fixed or stated future date. The rate of interest paid on term deposits is guaranteed during the term specified.

Chequing - money deposited by credit union members to their individual credit, against which a member can issue personal cheques up to the amount of his deposit.

Other Liabilities - includes the value of liabilities not otherwise specified, such as, employee benefits, deferred charges, stabilization funds under administration, etc.

### *Members' Equity*

Share Capital - includes ordinary shares, shares held by corporations, and the net of estate shares minus estate loans.

Reserves - includes a statutory Reserve Fund (re-defined in December 1972), and other special or general reserves.

### *Corporation*

A corporation is created by filing articles of incorporation; by filing a memorandum of association; or by issuing letters patent of incorporation. The incorporating instrument - articles, memorandum or letters patent, depending upon the particular provincial or federal statute - sets forth the objects of the corporation, and certain provisions for the regulation and conduct of its affairs, and in the case of a corporation with share capital, the amount of capital it is authorized to issue.



Table 13.1  
GENERAL REVENUE, ONTARIO, 1972 - 1973

Item	1972 <sup>p</sup>	1973 <sup>1</sup>
	\$'000's	
Revenue from own sources	2,083,641	2,126,993
Taxes	1,726,280	1,757,942
Real property	1,475,118	1,486,685
Special assessments	42,760	45,305
Personal property	—	—
Business	206,226	210,054
Other	2,176	15,898
Grants-in-lieu of taxes	65,310	66,003
Federal government	28,438	28,381
Federal government agencies	3,637	3,928
Provincial government	5,919	6,181
Provincial government agencies	18,771	18,635
Own agencies	8,248	8,493
Non-government organizations	297	385
Sales of services	168,154	179,001
Water	95,173	100,450
Other	72,981	78,551
Licences and permits	19,650	20,258
Fines	8,235	8,612
Rentals	11,434	11,620
Concessions and franchises	3,337	3,378
Return on investments	15,827	14,095
Penalties on taxes	11,283	11,588
Interest on taxes	3,231	3,154
Miscellaneous	50,900	51,342
Transfers	1,924,753	2,132,279
Unconditional	74,610	123,124
Federal government	—	—
Provincial government	74,610	123,124
Conditional	1,850,143	2,009,155
Federal government	37,396	39,982
Provincial government	1,812,747	1,969,173
Own agencies	—	—
General revenue	4,008,394	4,259,272

1) Figures for 1973 are estimates.

Source: SC, Local Government Finance.

Table 13.2  
GENERAL EXPENDITURE, ONTARIO, 1972 - 1973

Function	1972 <sup>p</sup>	1973 <sup>1</sup>
	\$ '000 's	
General government services	134,177	149,250
Protective services	296,301	343,799
Transportation services	540,626	619,880
Environmental health services	279,991	345,138
Public health and welfare services	490,108	526,911
Environmental development services	65,679	68,692
Recreation and cultural services	200,892	238,327
Education services	1,773,544	1,800,618
Fiscal services	328,096	368,856
Other services	483	1,455
General expenditure	4,109,897	4,462,926

1) Figures for 1973 are estimates.

Source: SC, Local Government Finance.

Table 13.3

GROSS GENERAL EXPENDITURE, ONTARIO, FISCAL YEAR ENDING  
MARCH 31, 1974

Function	Ontario <sup>1</sup>
	\$'000 's
General government	338,839
Protection of persons and property	295,417
Transportation and communications	652,095
Health	2,213,009
Social welfare	615,585
Education	2,067,200
Natural Resources	120,193
Agriculture, trade and industry, and tourism	124,485
Environment	125,875
Recreation and culture	86,707
Labour and employment, and immigration	9,271
Housing	202,493
Supervision and development of regions and localities	54,210
Research establishments	5,923
General purpose transfers to other levels of government	178,327
Transfers to own enterprises	—
Debt charges	542,668
Other	—
Gross general expenditure	7,632,297

1) Estimated Figures.

Source: SC, Provincial Government Finance.

Table 13.4  
 CONDITIONAL TRANSFERS  
 FROM GOVERNMENTS, FUNCTIONALIZED, ONTARIO, 1972 - 1973

	1972 <sup>p</sup>	1973 <sup>1</sup>
	\$'000's	
Conditional transfers	1,850,143	2,009,155
Federal	37,396	39,982
General government services	124	213
Protective services	14	104
Transportation services	4,979	5,873
Environmental health services	23,637	22,578
Environmental development services	6,220	7,212
Recreation and cultural services	1,358	2,634
Other services	1,064	1,368
Provincial	1,812,747	1,969,173
General government services	1,781	2,592
Protective services	2,001	2,317
Transportation services	235,827	275,841
Environmental health services	13,429	19,509
Public health and welfare services	365,537	389,211
Environmental development services	23,274	26,833
Recreation and cultural services	21,842	28,082
Education services	1,148,100	1,223,200
Other services	956	1,588

1) Figures for 1973 are estimates.

Source: SC, Local Government Finance.

Table 13.5  
FEDERAL AND PROVINCIAL BOND<sup>1</sup> ISSUES AND RETIREMENTS, CANADA, 1964 - 1974

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
	\$ Million Canadian - par value										
Government of Canada direct and guaranteed bonds											
Gross new issues delivered											
Canadian dollars	3,383	2,874	4,159	3,694	6,329	6,424	4,359	5,208	3,470	3,138	9,057
Other currencies	-	-	-	-	268	16	-	-	-	-	-
Total	3,383	2,874	4,159	3,694	6,597	6,440	4,359	5,208	3,470	3,138	9,057
Retirements											
Canadian dollars	2,826	2,930	3,744	2,873	5,420	6,169	3,135	2,864	2,200	3,725	5,735
Other currencies	-	5	5	205	2	2	110	2	2	90	45
Total	2,826	2,936	3,749	3,079	5,422	6,170	3,245	2,866	2,201	3,815	5,780
Net new issues											
Canadian dollars	557	-57	415	820	909	255	1,224	2,344	1,270	-588	3,322
Other currencies	-	-5	-5	-205	266	14	-110	-2	-2	-90	-45
Total	557	-62	410	615	1,175	269	1,114	2,342	1,269	-677	3,277
Provincial direct and guaranteed bonds											
Gross new issues delivered											
Canadian dollars	981	1,093	1,666	1,994	1,731	1,619	2,216	2,618	2,715	2,731	2,748
Other currencies	416	272	416	748	893	1,073	574	745	1,095	843	1,657
Total	1,397	1,365	2,082	2,742	2,623	2,692	2,790	3,362	3,810	3,575	4,405
Retirements											
Canadian dollars	397	580	455	635	616	645	537	373	595	647	590
Other currencies	59	26	61	57	61	98	189	346	249	286	128
Total	457	606	516	692	677	743	726	719	844	934	719
Net new issues											
Canadian dollars	584	512	1,211	1,359	1,114	974	1,679	2,244	2,120	2,084	2,158
Other currencies	356	246	355	690	832	975	385	399	846	557	1,528
Total	940	759	1,566	2,049	1,946	1,949	2,064	2,643	2,966	2,641	3,686

1) Includes non-marketable bonds.

Source: Bank of Canada Review.





Table 13.7

OFFICIAL INTERNATIONAL RESERVES, CANADA, 1953 - 1974<sup>1</sup>

End of period	Convertible foreign currencies		Gold	Special Drawing Rights	Reserve position in the International Monetary Fund	Total	Total in millions of SDRs
	U.S. dollars	Other					
Millions of U.S. dollars, unless otherwise indicated							
1953	839.2	-	986.1	...	75.0	1,900.3	...
1954	877.5	-	1,072.1	...	75.0	2,025.2	...
1955	775.3	-	1,133.9	...	75.0	1,984.2	...
1956	842.0	-	1,103.3	...	90.0	2,035.3	...
1957	738.2	-	1,100.3	...	90.0	1,928.5	...
1958	869.2	-	1,078.1	...	90.0	2,037.3	...
1959	917.7	-	959.6	...	152.5	2,029.8	...
1960	953.0	-	885.3	...	152.5	1,990.8	...
1961	1,123.0	10.7	946.2	...	212.1	2,292.0	...
1962	1,842.8	9.2	708.5	...	-	2,560.5	...
1963	1,786.6	9.5	817.2	...	-	2,613.3	...
1964	1,654.5	11.8	1,025.7	...	197.5	2,889.5	...
1965	1,519.9	12.8	1,150.8	...	353.4	3,036.9	...
1966	1,195.4	12.4	1,045.6	...	448.5	2,701.9	...
1967	1,255.2	13.4	1,014.9	...	433.4	2,716.9	...
1968	1,964.9	11.6	863.1	...	206.2	3,045.8	...
1969	1,743.6	12.3	872.3	...	478.1	3,106.3	...
1970	3,022.1	14.5	790.7	182.1	669.6	4,679.0	4,679.0
1971	4,060.6	13.6	791.8	371.9	332.6	5,570.4	5,570.4
1972	4,355.0	12.6	834.1	505.2	342.9	6,049.9	5,572.3
1973	3,927.2	12.2	926.9	563.7	338.2	5,768.2	4,781.5
1974	3,767.7	12.9	940.7	574.3	529.7	5,825.3	4,757.9

1) Prior to May 1972, SDRs, gold and Canada's reserve position in the IMF were valued on the basis of gold at U.S. \$35 per fine ounce. They were revalued to U.S. \$38 in May 1972 and to U.S. \$42.2222 in October 1973. Beginning in July 1974, these assets are valued on the basis of the month-end value of the SDR in terms of the U.S. dollar as determined by the IMF.

Source: Department of Finance.

Bank of Canada, Bank of Canada Review.

Table 13.8  
 CHARTERED BANKS SELECTED ASSETS IN CANADIAN CURRENCY, ONTARIO, 1971-1974

End of period	Ordinary Loans personal to farmers	Business loans under authorized limits of:	Loans to Provin- cial and municipal ties	Mort- gages insured under NHA	Other residen- tial mortgages	Total
		Less than \$100,000 \$100,000 to \$200,000				
\$ Million						
1971						
4th Quarter	2,332	458	779	146	418	703
						5,051
1972						
1st Quarter	2,363	416	783	274	455	769
2nd Quarter	2,574	450	849	268	438	828
3rd Quarter	2,655	476	906	139	402	927
4th Quarter	2,789	505	864	135	426	1,002
						5,299
						5,684
						5,830
						6,073
1973						
1st Quarter	2,899	483	950	262	420	1,072
2nd Quarter	3,190	531	1,004	204	440	1,105
3rd Quarter	3,310	574	995	140	420	1,065
4th Quarter	3,413	630	976	145	450	1,092
						6,474
						6,910
						7,420
						7,707
1974						
1st Quarter	3,539	584	1,029	257	447	1,105
2nd Quarter	3,835	610	1,096	161	418	1,179
3rd Quarter	4,066	655	1,629	174	426	1,228
						8,076
						8,583
						9,128

Source: Bank of Canada, Bank of Canada Review.

le 13.9

CHEQUES CASHED IN CLEARING CENTRES, CANADA<sup>1</sup> AND ONTARIO<sup>2</sup>, 1953 - 1974

	Canada	Ontario		Canada	Ontario
	\$ Million				
1953	65,775	19,447	1964	158,465	44,132
1954	64,048	17,650	1965	179,592	50,356
1955	67,647	19,189	1966	199,818	55,413
1956	79,551	21,663	1967	220,012	61,056
1957	83,800	22,867	1968	242,213	66,309
1958	88,176	24,470	1969	275,175	75,490
1959	97,586	27,842	1970	293,448	78,213
1960	102,954	28,457	1971	326,569	91,148
1961	114,577	30,422	1972	367,394	98,288
1962	125,853	34,304	1973	462,406	122,586
1963	142,022	38,349	1974	604,181	149,215

Seasonally Adjusted Monthly Data

	1973		1974	
	Canada	Ontario	Canada	Ontario
January	36,086	9,259	47,608	11,923
February	35,411	9,108	44,490	11,281
March	35,101	10,183	48,458	11,688
April	35,038	9,700	45,028	11,775
May	37,655	9,703	53,001	13,328
June	39,246	9,745	52,021	12,211
July	38,079	10,669	49,699	12,173
August	40,598	10,375	48,306	12,458
September	39,626	10,273	52,052	12,364
October	41,764	10,720	50,283	12,134
November	40,721	11,354	56,952	14,148
December	41,789	11,027	54,380	13,540

1) Canada less Toronto and Montreal.

2) Ontario less Toronto.

Source: SC, Cheques Cashed in Clearing Centres.

Table 13.10  
CONSUMER CREDIT: OUTSTANDING BALANCES OF SELECTED HOLDERS, CANADA, 1963 - 1973

	Reported monthly					Reported quarterly			
	Chartered bank	Sales finance and con-sumer loan companies	Life insurance company policy loans	Quebec savings banks (unse-cured personal loans)		Retail dealers	Credit unions and caisses populaires	Retail dealers	Total
End of period	loans				Total				
\$ Million									
1963	1,432	1,684	385	14	638	4,153	614	584	5,351
1964	1,793	1,939	398	15	688	4,833	705	718	6,256
1965	2,241	2,174	411	16	742	5,584	813	759	7,156
1966	2,458	2,347	450	16	772	6,043	937	799	7,778
1967	2,980	2,408	486	17	777	6,668	1,094	854	8,616
1968	3,673	2,638	553	21	801	7,686	1,247	923	9,856
1969	4,157	3,046	660	24	857	8,744	1,401	989	11,134
1970	4,663	2,851	759	22	868	9,161	1,493	1,050	11,706
1971	5,777	2,367	784	25	914	9,866	1,690	1,116	12,672
1972	7,144	2,646	813	30	992	11,625	2,000	1,219	14,844
1973	8,878	2,913	867	36	1,144	13,837	2,420	1,332	17,589

Source: Bank of Canada, Bank of Canada Review.

SC, Consumer Credit, Canadian Statistical Review.

Department of Insurance.

Department of Finance.

Table 13.11

CREDIT UNION ASSETS, CANADA AND ONTARIO, QUARTERLY, 1967 - 1974

	Total Assets	
	Canada	Ontario <sup>1</sup>
	\$ Million	
1967		
1st Quarter	3,076	595
2nd Quarter	3,224	620
3rd Quarter	3,342	637
4th Quarter	3,382	649
1968		
1st Quarter	3,480	675
2nd Quarter	3,613	681
3rd Quarter	3,685	697
4th Quarter	3,758	720
1969		
1st Quarter	3,737	727
2nd Quarter	3,876	748
3rd Quarter	4,003	762
4th Quarter	4,103	781
1970		
1st Quarter	4,155	785
2nd Quarter	4,315	816
3rd Quarter	4,403	834
4th Quarter	4,570	870
1971		
1st Quarter	4,762	900
2nd Quarter	5,027	954
3rd Quarter	5,304	1,007
4th Quarter	5,532	1,059
1972		
1st Quarter	5,912	1,114
2nd Quarter	6,295	1,203
3rd Quarter	6,702	1,259
4th Quarter	7,040	1,335
1973		
1st Quarter	7,498	1,408
2nd Quarter	8,017	1,491
3rd Quarter	8,458	1,563
4th Quarter	8,814	1,605
1974		
1st Quarter	9,270	1,678
2nd Quarter	9,802	1,746
3rd Quarter	10,119	1,775
4th Quarter	..	1,801

1) Ontario figures subtract an allowance for doubtful loans.

Source: SC, Business Finance Division, Financial Institutions Section.

Ministry of Treasury, Economics and Intergovernmental Affairs, Ontario Statistical Centre.

Table 13.12  
CREDIT UNION INDEX OF SELECTED ASSET AND LIABILITY CLASSIFICATIONS, ONTARIO, QUARTERLY, 1967 - 1974

		(1st Quarter of 1967 = 100.0)									
		Assets			Liabilities						
Total Active Credit Unions <sup>1</sup>		Total Assets	Cash	Investments	Loans Receivable	Fixed Assets	Accts. Payable	Loans Payable	Deposits	Share Capital	Reserves
1967	1st Quarter	1,525	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2nd Quarter	1,540	104.1	101.0	105.7	107.3	131.5	130.1	128.0	95.3	102.4
	3rd Quarter	1,532	107.0	86.3	104.4	108.7	105.4	132.0	130.7	97.1	102.7
	4th Quarter	1,515	109.0	94.4	110.9	109.5	90.7	124.9	136.6	98.1	101.9
1968	1st Quarter	1,534	113.3	96.5	118.4	113.7	144.0	115.2	151.9	103.1	114.3
	2nd Quarter	1,520	114.4	74.2	114.8	117.0	187.1	159.6	150.6	101.4	112.5
	3rd Quarter	1,524	117.1	77.0	114.6	119.9	206.0	156.6	158.5	101.0	115.5
	4th Quarter	1,523	120.8	97.3	124.3	121.4	158.1	142.2	178.2	101.1	114.5
1969	1st Quarter	1,551	122.1	90.3	132.0	122.6	145.5	126.7	171.0	108.6	126.2
	2nd Quarter	1,521	125.7	77.0	124.7	128.7	166.7	159.4	181.5	107.7	126.5
	3rd Quarter	1,503	128.0	80.7	125.1	131.1	122.2	162.0	198.3	103.9	127.5
	4th Quarter	1,493	131.1	97.2	124.9	133.7	254.4	151.8	201.3	106.7	130.0
1970	1st Quarter	1,516	131.8	115.8	141.3	131.2	236.3	111.8	195.0	116.3	144.2
	2nd Quarter	1,494	137.1	111.3	141.3	137.5	271.6	132.4	208.1	117.3	142.8
	3rd Quarter	1,479	140.1	113.7	152.3	139.4	281.3	136.9	224.8	114.1	140.3
	4th Quarter	1,474	146.2	141.8	162.9	143.3	323.6	112.8	233.8	120.4	145.3

Table 13.12 (cont'd)

	(1st Quarter of 1967 = 100.0)											
	Assets			Liabilities								
	Total Active Credit Unions <sup>1</sup>	Total Assets	Cash	Invest- ments	Receiv- able	Loans able	Fixed Assets	Payable Accts.	Loans Pay- able	De- posits	Share Capi- tal	Re- serves
1971												
1st Quarter	1,465	151.1	152.8	199.3	144.4	160.0	290.4		79.0	253.2	128.4	156.0
2nd Quarter	1,433	160.3	150.4	208.9	154.3	174.5	339.5		98.5	282.2	130.4	154.4
3rd Quarter	1,424	169.2	161.1	216.1	163.1	176.8	384.3		109.2	300.4	134.5	153.6
4th Quarter	1,418	177.9	191.8	242.5	168.0	180.9	531.0		96.3	341.2	135.1	154.1
1972												
1st Quarter	1,405	187.1	204.5	304.0	170.8	188.2	479.9		71.1	374.2	145.1	171.2
2nd Quarter	1,390	202.0	185.4	303.4	189.8	192.5	623.0		122.8	413.4	149.6	174.5
3rd Quarter	1,383	211.5	187.9	279.9	203.9	204.9	595.6		191.6	439.7	148.9	172.8
4th Quarter	1,369	224.2	199.9	293.7	216.3	218.4	796.8		232.9	470.5	154.8	167.7
1973												
1st Quarter	1,359	236.4	233.8	305.8	226.7	243.6	784.8		234.0	502.4	168.6	175.9
2nd Quarter	1,340	250.2	197.9	311.0	241.1	248.5	904.7		308.0	531.7	172.7	173.6
3rd Quarter	1,325	262.5	190.7	318.5 <sup>r</sup>	259.1 <sup>r</sup>	264.1	1052.3		442.9	546.8	174.2	173.0
4th Quarter	1,318	269.6	230.3	318.7	264.1	296.5	1165.5		371.3	605.1	170.9	170.2
1974												
1st Quarter	1,306	283.5	284.2	332.4	275.0	331.5	1072.5		309.9	667.1	184.2	170.7
2nd Quarter	1,302	295.0	284.1	328.1	288.9	327.6	1157.8		254.9	710.4	187.7	171.3
3rd Quarter	1,294	299.9	252.7	330.0	296.0	373.2	1234.9		227.0	739.6	183.5	168.2
4th Quarter	1,286	306.6	296.0	355.9	298.2	366.7	1084.8		173.2	789.2	182.7	167.7

<sup>1</sup>) Excludes in each year up to and including 1970 a number of active credit unions which received a charter during that year and the previous years. The number of new charters issued by year is as follows: 1967 (37), 1968 (26), 1969 (16), 1970 (11), 1971 (9), 1972 (13), 1973 (2), 1974 (12). Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Quarterly Financial Statistics - Ontario Credit Unions.

Table 13.13  
CONVENTIONAL MORTGAGES BY TYPE OF LENDER, ONTARIO, 1969 - 1973

	Conventional Mortgages Having Values				All Conventional Mortgages		Weighted Average Interest Rate <sup>1</sup>
	Under \$500,000		\$500,000 and over		Mortgages		
	Number	\$'000's	Number	\$'000's	Number	\$'000's	
1969							
Personal Sector	104,118	1,444,886	75	92,875	104,193	1,537,761	9.59
Lending Institutions							
(a) Insurance Companies							
(b) Loan and Trust Companies	35,122	754,845	143	177,114	35,265	931,959	10.29
(c) Other							
Financial Corporations							
(excl. Lending Institutions)	8,915	187,220	16	19,819	8,931	207,039	12.58
Other Corporations	20,952	357,864	84	104,123	21,036	461,987	10.99
Benevolent Societies	312	6,466	-	-	312	6,466	8.73
Public Sector	3,725	109,516	51	63,247	3,776	172,763	8.49
Chartered Banks	5,559	126,578	24	29,761	5,583	156,339	9.81
Credit Unions, Co-operatives	4,901	41,881	-	-	4,901	41,881	10.13
All Lenders	183,604	3,029,256	393	486,939	183,997	3,516,195	10.03
1970							
Personal Sector	89,625	1,186,430	40	60,097	89,665	1,246,527	9.70
Lending Institutions:							
(a) Insurance Companies	2,533	100,333	24	38,996	2,557	139,329	10.46
(b) Loan and Trust Companies	25,402	541,380	89	135,574	25,491	676,954	10.66
(c) Other	197	20,248	-	-	197	20,248	10.69
Financial Corporations							
(excl. Lending Institutions)	6,898	110,185	25	36,862	6,923	147,047	13.66
Other Corporations	16,791	278,616	52	75,877	16,843	354,493	11.32
Benevolent Societies	170	4,133	8	11,214	178	15,347	8.42
Public Sector	3,001	87,408	12	15,783	3,013	103,191	10.32
Chartered Banks	7,080	138,451	32	49,834	7,112	188,285	9.90
Credit Unions, Co-operatives	6,222	62,334	4	4,942	62,226	67,276	10.79
All Lenders	157,919	2,529,518	286	429,179	158,205	2,958,697	10.54



Table 13.13 (cont'd)

	Conventional Mortgages Having Values				All Conventional Mortgages		Weighted Average Interest Rate <sup>1</sup>
	Under \$500,000		\$500,000 and over		Number	\$'000's	
	Number	\$'000's	Number	\$'000's			
1971							
Personal Sector	92,412	1,254,724	36	53,331	92,448	1,308,055	9.17
Lending Institutions:							
(a) Insurance Companies	3,516	134,653	64	99,129	3,580	233,782	9.57
(b) Loan and Trust Companies	37,305	817,771	80	125,113	37,385	942,884	9.71
(c) Other	225	6,297	-	-	225	6,297	9.01
Financial Corporations (excl. Lending Institutions)	7,741	130,683	52	76,609	7,793	207,292	11.91
Other Corporations	19,821	377,526	65	101,393	19,886	478,919	10.57
Benevolent Societies	181	6,542	-	-	181	6,542	7.89
Public Sector	4,548	106,338	20	32,216	4,568	138,554	8.51
Chartered Banks	11,926	293,220	76	119,899	12,002	413,119	9.20
Credit Unions, Co-operatives	10,427	124,642	-	-	10,427	124,642	10.16
All Lenders	188,102	3,252,396	393	607,690	188,495	3,860,086	9.64
1972							
Personal Sector	99,388	1,504,257	108	127,243	99,496	1,631,500	9.19
Lending Institutions:							
(a) Insurance Companies	4,388	163,561	78	97,800	4,466	261,361	9.15
(b) Loan and Trust Companies	46,144	1,117,001	78	93,862	46,222	1,210,863	9.51
(c) Other	800	18,030	4	4,729	804	22,759	9.90
Financial Corporations (excl. Lending Institutions)	10,666	203,685	78	91,131	10,744	294,816	11.99
Other Corporations	20,852	419,210	192	234,931	21,044	654,141	10.24
Benevolent Societies	248	6,530	4	4,799	252	11,329	7.75
Public Sector	8,612	209,307	20	24,801	8,632	234,108	8.53
Chartered Banks	19,765	443,405	143	174,916	19,908	618,321	9.30
Credit Unions, Co-operatives	15,377	215,538	-	-	15,377	215,538	9.90
All Lenders	226,240	4,300,524	705	854,212	226,945	5,154,736	9.54

Table 13.13 (cont'd)

	Conventional Mortgages Having Values				All Conventional Mortgages		Weighted Average Interest Rate <sup>1</sup>
	Under \$500,000		\$500,000 and over				
	Number	\$'000's	Number	\$'000's	Number	\$'000's	
1973							
Personal Sector <sup>2</sup>							
(a) Individual	110,711	2,034,061	151	183,421	110,862	2,217,482	9.92
(b) Mutual and Pension Funds, Partnerships	526	20,864	8	9,705	534	30,569	9.50
Lending Institutions:							
(a) Insurance Companies	7,614	338,175	101	121,043	7,715	459,218	9.55
(b) Loan and Trust Companies <sup>3</sup>	63,262	1,840,778	234	280,369	63,496	2,121,147	10.14
Financial Corporations (excl. Lending Institutions)	11,346	286,068	71	86,590	11,417	372,658	11.93
Other Corporations	26,870	670,763	282	340,946	27,152	1,011,709	10.74
Benevolent Societies	280	9,031	4	5,277	284	14,308	8.86
Public Sector	7,002	198,044	24	27,775	7,026	225,819	7.88
Chartered Banks	28,481	761,402	105	125,326	28,586	886,728	10.15
Credit Unions, Co-operatives	16,169	263,434	-	-	16,169	263,434	10.38
All Lenders	272,261	6,422,620	980	1,180,452	273,241	7,603,072	10.06

1) Interest rate calculated for the three months ended December 31.

2) Commencing in 1973 the heading "Personal Sector" is subdivided in order to demonstrate better the entities that compose this large lender group.

3) For purposes of this summary, lending institutions classified as "Other" in previous years' reports are included here.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs,  
Realty Mortgage Loans Newly Registered in Ontario.

Table 13.14  
CONVENTIONAL MORTGAGES BY TYPE OF BORROWER, ONTARIO, 1969 - 1973

	Conventional Mortgages				All		Weighted Average Interest Rate <sup>1</sup>
	Having Values		Conventional Mortgages		Value(\$'000's)	Number	
	Under \$500,000	\$500,000 and over	Value(\$'000's)	Number			
1969	Number	Value(\$'000's)	Number	Value(\$'000's)	Number	Value(\$'000's)	
Individual Corporation Partnership Other All Borrowers	158,312	1,906,348	10	12,390	158,322	1,918,738	9.91
	22,569	1,029,168	375	464,637	22,944	1,493,805	10.24
	2,033	75,644	3	3,717	2,036	79,361	10.82
	690	18,096	5	6,195	695	24,291	10.17
1970	183,604	3,029,256	393	486,939	183,997	3,516,195	10.03
Individual Corporation Partnership Other All Borrowers	138,902	1,667,900	36	50,961	138,938	1,718,861	10.38
	16,466	787,078	230	345,869	16,696	1,132,947	10.92
	2,089	54,849	20	32,349	2,109	87,198	9.09
	462	19,691	-	-	462	19,691	12.37
1971	157,919	2,529,518	286	429,179	158,205	2,958,697	10.54
Individual Corporation Partnership Other All Borrowers	168,125	2,278,557	56	85,523	168,181	2,364,080	9.64
	18,296	898,321	325	502,167	18,621	1,400,488	9.66
	1,291	55,403	12	20,000	1,303	75,403	9.55
	390	20,115	-	-	390	20,115	9.05
1972	188,102	3,252,396	393	607,690	188,495	3,860,086	9.64
Individual Corporation Partnership Other All Borrowers	194,358	2,974,056	77	93,010	194,435	3,067,066	9.60
	28,247	1,231,633	612	741,201	28,859	1,972,834	9.44
	2,378	72,765	16	20,001	2,394	92,766	9.02
	1,257	22,070	-	-	1,257	22,070	9.04
1973	226,240	4,300,524	705	854,212	226,945	5,154,736	9.54
Individual Corporation Partnership Other All Borrowers	228,400	4,293,491	87	102,878	228,487	4,396,369	10.14
	40,410	2,019,920	877	1,058,978	41,287	3,078,898	9.93
	1,943	79,700	4	5,277	1,947	84,977	9.59
	1,508	29,509	12	13,319	1,520	42,828	9.91
1974	272,261	6,422,620	980	1,180,452	273,241	7,603,072	10.06

1) Interest rate calculated for the three months ended December 31.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs.

Realty Mortgage Loans Newly Registered in Ontario.

Table 13.15

## TORONTO STOCK EXCHANGE - INDUSTRIAL INDEX, 1950-1974

Year	High	Low	Close
1950	53.19	37.11	52.97
1951	65.89	53.08	62.39
1952	62.72	56.48	58.88
1953	59.68	54.19	57.04
1954	75.49	53.20	75.43
1955	95.24	74.65	92.50
1956	111.34	89.32	100.47
1957	110.07	78.02	80.36
1958	103.45	81.59	103.39
1959	115.63	99.86	107.28
1960	108.47	95.47	108.20
1961	138.30	109.71	137.94
1962	138.26	105.77	124.18
1963	137.49	124.49	137.49
1964	170.05	137.73	165.91
1965	178.32	156.59	168.56
1966	175.60	136.98	147.41
1967	172.41	147.65	162.28
1968	191.07	144.46	188.93
1969	198.77	164.25	186.37
1970	187.18	141.43	174.44
1971	188.94	158.33	181.64
1972	221.64	181.66	221.57
1973	238.26	199.84	213.67
1974	228.78	150.11	156.75

Source: Toronto Stock Exchange, Index Department.

Year	Corporations Incorporated in Ontario				Corporations Incorporated Outside Ontario				Total			
	Number		Per Cent		Licence in Mortgage		Companies with an Extra-Provincial Licence		Number		Per Cent	
	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change
1951	1,779	..	..	..	146	..	62	..	1,987	..	..	..
1952	1,772	- 0.4	12.3	12.3	164	12.3	69	11.3	2,005	0.9	0.9	0.9
1953	2,113	71.0	- 9.1	- 9.1	149	- 9.1	99	43.5	2,361	17.8	17.8	17.8
1954	3,613	71.0	21.5	21.5	181	21.5	86	-13.1	3,880	64.3	64.3	64.3
1955	3,811	5.5	37.6	37.6	249	37.6	110	27.9	4,170	7.5	7.5	7.5
1956	4,788	25.6	-10.8	-10.8	222	-10.8	149	35.5	5,159	23.7	23.7	23.7
1957	5,219	9.0	4.5	4.5	232	4.5	128	-14.1	5,579	8.1	8.1	8.1
1958	4,368	-16.3	-12.5	-12.5	203	-12.5	137	7.0	4,708	-15.6	-15.6	-15.6
1959	5,916	35.4	-13.8	-13.8	175	-13.8	150	9.5	6,241	32.6	32.6	32.6
1960	6,417	8.5	36.0	36.0	238	36.0	160	6.7	6,815	9.2	9.2	9.2
1961	5,736	-10.6	-16.8	-16.8	198	-16.8	166	3.8	6,100	-10.5	-10.5	-10.5
1962	6,019	4.9	4.0	4.0	206	4.0	141	-15.1	6,366	4.4	4.4	4.4
1963	5,903	- 1.9	- 3.4	- 3.4	199	- 3.4	171	21.3	6,273	- 1.5	- 1.5	- 1.5
1964	6,229	5.5	2.5	2.5	204	2.5	172	0.6	6,605	5.3	5.3	5.3
1965	7,276	16.8	9.3	9.3	223	9.3	177	2.9	7,676	16.2	16.2	16.2
1966	7,309	0.5	9.4	9.4	244	9.4	193	9.0	7,746	0.9	0.9	0.9
1967	7,425	1.6	-11.1	-11.1	217	-11.1	173	-10.4	7,815	0.9	0.9	0.9
1968	7,699	3.7	- 6.9	- 6.9	202	- 6.9	185	6.9	8,086	3.5	3.5	3.5
1969	9,593	24.6	23.3	23.3	249	23.3	212	14.6	10,054	24.3	24.3	24.3
1970	8,091	-15.7	16.5	16.5	290	16.5	273	28.8	8,654	-13.9	-13.9	-13.9
1971	9,152	13.1	-26.9	-26.9	212	-26.9	266	- 2.6	9,630	11.3	11.3	11.3
1971-72*	11,030	..	..	..	231	..	263	..	11,524	..	..	..
1972-73*	12,489	13.2	- 3.9	- 3.9	222	- 3.9	285	8.4	12,996	12.8	12.8	12.8
1973-74*	15,634	25.2	26.1	26.1	280	26.1	268	- 6.0	16,182	24.5	24.5	24.5

Note: Figures for corporations which are not required to hold licence in Ontario are not included.

\* Fiscal year ending March 31.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Corporation Growth in Ontario.

Table 13.17  
BUSINESS FAILURES, CANADA AND ONTARIO, 1950 - 1974

Year	Number			Liabilities		
	Canada	Ontario	Ontario as % of Canada	Canada	Ontario	Ontario as % of Canada
\$'000						
1950	717	144	20.1	15,392	3,768	24.5
1951	797	142	17.8	19,048	4,383	23.0
1952	843	162	19.2	19,823	4,259	21.5
1953	1,039	239	23.0	30,304	8,464	27.9
1954	1,381	362	26.2	52,017	18,126	34.8
1955	1,352	368	27.2	38,148	10,703	28.1
1956	1,320	452	34.2	51,678	23,284	45.1
1957	1,490	549	36.8	59,661	26,777	44.9
1958	1,380	455	33.0	55,080	18,735	34.0
1959	1,482	586	39.5	74,657	34,399	46.1
1960	1,901	784	41.2	180,327	121,527	67.4
1961	2,028	815	40.2	115,778	51,036	44.1
1962	2,138	983	46.0	107,874	51,882	48.1
1963	2,158	1,086	50.3	116,883	53,779	46.0
1964	2,499	962	38.5	165,223	60,035	36.3
1965	2,597	939	36.2	175,855	78,485	44.6
1966	2,418	811	33.5	174,779	59,813	34.2
1967	1,967	667	33.9	215,658	73,427	34.0
1968	1,697	589	34.7	130,123	37,391	28.7
1969	1,861	618	33.2	145,651	33,919	23.3
1970	2,287	797	34.8	264,894	79,099	29.9
1971	2,627	864	32.9	327,333	64,424	19.7
1972	2,848	1,101	38.7	249,906	75,415	30.2
1973	2,718	1,053	38.7	320,173	77,426	24.2
1974	2,512	1,003	39.9	367,528	142,830	38.9

Source: Dun and Bradstreet.

Section 14

TRADE





## TABLES

- Table 14.1 Imports by Commodity Section and Place of Clearance, Canada and Ontario, 1972-1974
- 14.2 Exports to Principal Trading Areas, Canada and Ontario, 1971-1974
- 14.3 Exports by Commodity Section, Canada and Ontario, 1965-1974
- 14.4 Merchandise Trade with Selected Countries, Canada, 1951-1974
- 14.5 Balance of Payments: Merchandise Trade Balance and Current Account Balance, Canada, 1950-1974
- 14.6 Retail Trade Annual Sales, Canada, Ontario, Quebec and British Columbia, 1950-1974
- 14.7 Value of Retail Trade by Kind of Business, Canada and Ontario, 1950-1974
- 14.8 Department Store Sales, by Province, Canada, 1972-1974
- 14.9 Principal Statistics of Motion Picture Theatres, by Selected City, Canada and Ontario, 1967-1973
- 14.10 Principal Statistics of Drive-In Theatres, Canada and Ontario, 1967-1973



## HIGHLIGHTS

### Foreign Trade

Of the \$16,513.2 million of imports entering Ontario in 1974, \$11,536.2 million consisted of inedible end products. Of Canada's \$31,956.0 million worth of exports (including re-exports) in the same year \$12,387.2 million, or 38.8 per cent, originated in Ontario.

Of Ontario's 1974 exports \$7,564.6 million, or 61.1 per cent, consisted of inedible end products and 24.7 per cent was fabricated materials. For the 1974 Canada total, inedible end products accounted for 29.6 per cent, while fabricated materials accounted for 33.8 per cent.

From 1973 to 1974 domestic exports (including re-exports) increased by \$6,573.3 million, or 26.6 per cent, from \$24,719.2 million to \$31,292.5 million. Of the 1974 export total, 65.9 per cent went to the United States. Imports rose by 35.5 per cent from 1973 to 1974 to reach a total of \$31,578.5 million. Of this total, 67.5 per cent came from the United States.

Canada's merchandise balance, after adjustment for balance of payments purposes, amounted to \$1,020 million in 1974, the comparable total for 1973 being \$2,231 million. Canada's current account balance stood at \$1,877 million in 1974.

### Domestic Trade

Ontario's retail trade sales in 1974 increased by 12.9 per cent over the previous year, to reach a total of \$16,400 million. This figure represents 37.4 per cent of the Canadian total of \$43,819 million, Quebec's representing 24.7 per cent, and British Columbia's 12.5 per cent. Of Ontario's total in 1974, grocery and combination stores accounted for 24.3 per cent; motor vehicle dealers for 15.6 per cent; service stations and garages for 8.2 per cent; department stores for 11.6 per cent.

Per capita expenditure on motion picture entertainment in 1973 was \$7.87 in Ontario and \$7.32 in Canada. Of the 1,135 motion picture theatres in Canada in 1973, 292 or 25.7 per cent were situated in Ontario. These 292 theatres had a seating capacity of 209,476. The number of theatres in Toronto was 65 or 22.3 per cent of the Ontario total. In 1973 Ontario had 40.3 per cent of Canada's car capacity for drive-in theatres, and 103 of the 299 drive-in theatres in Canada, or 34.4 per cent.

## DEFINITIONS

### *Retail Trade*

Defined as the aggregate sales made through retail outlets which are business locations engaged primarily in selling merchandise for household or personal consumption. The retail trade estimates do not include any form of direct selling which bypasses the retail outlet.

### *Combination Stores*

Groceries selling 20 per cent or more fresh meat.

### *Motor Vehicle Dealers*

Consist of new and used car dealers or new car dealers only, and not used car dealers only.

### *Department Store*

Must sell at least 6 commodity lines in the family clothing and apparel group with at least one line being men's and boys' clothing or furnishings and with at least 20 per cent of sales from this group, at least 4 commodity lines in the furniture, appliances and home furnishings group with at least one of these lines being furniture and with a minimum of 10 per cent of sales from this group, and at least 3 different commodity lines from all other groups with at least 10 per cent of sales derived therefrom. No one of these lines may account for more than 50 per cent of total store sales.

### *Domestic Exports*

Include both goods which are wholly produced in Canada and goods previously included in import statistics which have since been changed in form by further processing and then exported.

### *Re-Exports*

Include only goods previously included in import statistics which are exported from Canada in the same form as when imported. Minor operations such as sorting or blending are not considered as changing the condition of imported goods.

### *Special Transactions*

Include gold and gold products where the value of the gold content is 80 per cent or more of the total value, including coin; settlers' effects; private donations and gifts; identifiable tourist purchases; goods shipped to Canadian diplomatic or military personnel abroad or by foreign representatives in Canada; temporary exports for exhibition or competition, including films for processing. Bunker supplies and ships' stores sold to foreign vessels or aircraft in Canada, temporary exports and goods merely moving in transit through Canadian territory are not reflected in any of the statistics.

*Current Account*

Consists of imports and exports of goods and services (that is, merchandise trade and service transactions) and transfers such as inheritances, personal and institutional remittances and withholding tax.



Table 14.1  
IMPORTS BY COMMODITY SECTION AND PLACE OF CLEARANCE, CANADA AND ONTARIO, 1972 - 1974

	Canada <sup>1</sup>		Ontario	
	1972	1973	1972	1973
	\$'000's			
Living Animals	44,707	137,105	109,237	23,729
Food, Feed, Beverages and Tobacco	1,355,784	1,844,380	2,397,958	457,100
Crude Materials, Inedible	1,539,784	2,016,253	4,066,870	452,788
Fabricated Materials, Inedible	3,578,991	4,281,513	6,469,445	1,842,734
End Products, Inedible	11,947,680	14,776,578	18,170,906	7,640,929
Special Transactions, Trade	202,481	246,747	312,961	114,988
Total Imports	18,669,426	23,302,576	31,527,377	10,532,267

1) Excludes the Northwest Territories.

Source: SC, Summary of Imports.

Table 14.2  
EXPORTS<sup>1</sup> TO PRINCIPAL TRADING AREAS, CANADA AND ONTARIO, 1971 - 1974

	All Countries	United States	United Kingdom	Japan	EEC <sup>2</sup>	All Other Countries
	\$ Million					
CANADA						
1971	17,820.1	12,024.8	1,394.9	831.0	1,109.3	2,460.1
1972	20,140.1	13,963.4	1,385.1	964.8	1,143.9	2,682.9
1973	25,300.9	17,070.0	1,598.7	1,810.7	1,535.4	3,286.1
1974	31,956.0	21,266.7	1,889.7	2,223.4	2,061.3	4,514.9
ONTARIO						
1971	8,094.3	6,478.5	517.5	68.8	221.4	808.1
1972	9,059.9	7,420.1	518.0	70.5	217.8	833.5
1973	10,929.7	8,816.7	581.8	118.1	362.5	990.6
1974	12,387.2	9,774.4	696.2	120.2	408.0	1,388.4

1) Includes re-exports.

2) European Economic Community excluding United Kingdom, Ireland and Denmark.

Sources: SC, Summary of Exports.

SC, External Trade Division.

Ministry of Industry and Tourism, Trade Research Branch.



Table 14.3  
EXPORTS BY COMMODITY SECTION, CANADA AND ONTARIO, 1965 - 1974

	Live Animals	Food, Feed Beverages and Tobacco	Crude Materials	Fabricated Materials	End Products, Inedible	Special Transactions Trade	Total
	\$'000's						
CANADA							
1965	79,249	1,640,314	1,772,001	3,785,806	1,460,302	29,006	8,766,676
1966	78,124	1,898,384	1,956,832	4,062,275	2,300,804	28,902	10,325,320
1967	43,177	1,613,675	2,115,962	4,285,614	3,332,741	28,789	11,419,957
1968	59,614	1,565,345	2,475,152	4,915,482	4,564,669	43,752	13,624,013
1969	54,639	1,431,237	2,468,312	5,240,488	5,656,655	38,740	14,890,071
1970	68,604	1,832,358	3,077,514	5,945,887	5,861,107	34,629	16,820,098
1971	67,760	2,063,654	3,271,756	5,916,328	6,468,693	31,906	17,820,097
1972	86,295	2,294,833	3,569,552	6,697,291	7,443,666	48,299	20,139,936
1973	145,122	3,049,642	5,038,796	8,358,490	8,658,999	49,947	25,300,996
1974	90,873	3,748,204	7,781,264	10,799,748	9,448,100	87,790	31,955,979
ONTARIO							
1965	19,555	308,582	452,923	1,017,407	923,643	10,994	2,733,104
1966	21,913	309,591	478,590	1,137,692	1,803,038	11,897	3,762,722
1967	19,927	345,631	528,894	1,187,018	2,560,022	14,200	4,655,692
1968	22,874	327,078	666,930	1,373,089	3,560,313	20,937	5,971,221
1969	26,612	353,706	577,339	1,322,375	4,268,007	15,858	6,563,897
1970	35,958	385,037	733,774	1,605,187	4,491,134	12,680	7,263,770
1971	37,060	378,227	758,859	1,608,570	5,295,706	15,897	8,094,319
1972	38,161	427,833	770,606	1,770,148	6,031,369	21,742	9,059,859
1973	47,869	551,187	968,752	2,271,572	7,066,963	23,341	10,929,684
1974	35,121	630,932	1,070,777	3,059,331	7,564,647	26,413	12,387,221

1) Includes re-exports.

Sources: SC, Summary of Exports.

SC, External Trade Division.

Ministry of Industry and Tourism, Trade Research Branch.

Table 14.4

MERCHANDISE TRADE WITH SELECTED COUNTRIES, CANADA, 1951 - 1974

	All Countries		United States		United Kingdom		Other Commonwealth Countries (excl. U.K.) <sup>1</sup>		All Other Countries	
	\$ Million	\$ Million	\$ Million	% Of Total	\$ Million	% Of Total	\$ Million	% Of Total	\$ Million	% Of Total
DOMESTIC EXPORTS										
1951	3,897.1	2,296.2	58.9		630.1	16.2	260.9	6.7	709.8	18.2
1952	4,282.4	2,302.7	53.8		744.5	17.4	283.8	6.6	951.4	22.2
1953	4,097.1	2,413.3	58.9		662.8	16.2	244.7	6.0	776.3	18.9
1954	3,860.2	2,308.7	59.8		651.0	16.9	202.6	5.2	698.0	18.1
1955	4,258.3	2,547.6	59.8		767.6	18.0	248.6	5.9	694.4	16.3
1956	4,760.4	2,803.1	58.9		811.1	17.0	252.1	5.3	894.1	18.8
1957	4,788.9	2,846.6	59.4		720.9	15.1	240.0	5.0	981.3	20.5
1958	4,791.4	2,808.1	58.6		771.6	16.1	290.1	6.1	921.7	19.2
1959	5,021.7	3,083.2	61.4		785.8	15.7	281.5	5.6	871.3	17.3
1960	5,255.6	2,932.2	55.8		915.3	17.4	333.8	6.4	1,074.3	20.4
1961	5,755.0	3,107.2	54.0		909.3	15.8	328.9	5.7	1,409.6	24.5
1962	6,178.5	3,608.4	58.4		909.0	14.7	331.0	5.4	1,330.0	21.5
1963	6,798.5	3,766.4	55.4		1,006.8	14.8	391.5	5.8	1,633.8	24.0
1964	8,094.2	4,271.1	52.8		1,199.8	14.8	493.9	6.1	2,129.7	26.3
1965	8,525.1	4,840.5	56.8		1,174.3	13.8	502.3	5.9	2,008.0	23.5
1966	10,070.6	6,027.7	59.9		1,122.6	11.1	547.4	5.4	2,373.1	23.6
1967	11,121.0	7,088.5	63.8		1,169.1	10.5	638.2	5.7	2,225.2	20.0
1968	13,270.0	8,942.5	67.7		1,209.6	9.1	593.2	4.5	2,524.7	19.1
1969	14,462.0	10,238.0	70.8		1,091.0	7.5	588.9	4.1	2,544.1	17.6
1970 <sup>2</sup>	16,401.0	10,580.0	64.5		1,465.0	8.9	762.0	4.6	3,594.0	21.9
1971 <sup>2</sup>	17,396.6 <sup>2</sup>	11,683.1	67.2		1,379.8	7.9	600.9 <sup>2</sup>	3.5	3,732.8	21.5
1972 <sup>2</sup>	19,660.7 <sup>2</sup>	13,575.0 <sup>2</sup>	69.0 <sup>2</sup>		1,369.6	7.0	570.5 <sup>2</sup>	2.9	4,144.6 <sup>2</sup>	21.1
1973	24,719.2 <sup>2</sup>	16,611.9 <sup>2</sup>	67.2 <sup>2</sup>		1,581.8	6.4	766.5	3.1	5,759.0 <sup>2</sup>	23.3
1974	31,292.5	20,628.8	65.9		1,878.3	6.0	952.0	3.1	7,833.4	25.0

	All Countries			United States			United Kingdom			Other Commonwealth Countries (excl. U.K.) <sup>1</sup>			All Countries	
	\$ Million	\$ Million	% of Total	\$ Million	\$ Million	% of Total	\$ Million	% of Total	\$ Million	% of Total	\$ Million	% of Total	\$ Million	% of Total
IMPORTS														
1951	4,004.9	2,752.1	68.7	415.2	306.3	10.4	415.2	10.4	306.3	7.6	531.4	13.3	531.4	13.3
1952	3,916.3	2,887.6	73.7	351.5	184.3	9.0	351.5	9.0	184.3	4.7	492.9	12.6	492.9	12.6
1953	4,247.8	3,115.3	73.3	445.4	170.2	10.5	445.4	10.5	170.2	4.0	516.8	12.2	516.8	12.2
1954	3,967.5	2,871.3	72.4	382.2	181.9	9.6	382.2	9.6	181.9	4.6	532.0	13.4	532.0	13.4
1955	4,567.8	3,331.1	72.9	393.1	208.9	8.6	393.1	8.6	208.9	4.6	634.7	13.9	634.7	13.9
1956	5,547.0	4,031.4	72.7	476.4	220.4	8.6	476.4	8.6	220.4	4.0	818.8	14.8	818.8	14.8
1957	5,473.3	3,887.4	71.0	507.3	237.9	9.3	507.3	9.3	237.9	4.3	840.7	15.4	840.7	15.4
1958	5,050.5	3,460.1	68.5	518.5	208.7	10.3	518.5	10.3	208.7	4.1	863.2	17.1	863.2	17.1
1959	5,508.9	3,709.1	67.3	588.6	239.2	10.7	588.6	10.7	239.2	4.3	972.0	17.6	972.0	17.6
1960	5,482.7	3,686.6	67.2	588.9	279.1	10.7	588.9	10.7	279.1	5.1	928.1	16.9	928.1	16.9
1961	5,768.6	3,864.0	66.9	618.2	292.2	10.7	618.2	10.7	292.2	5.1	994.2	17.3	994.2	17.3
1962	6,257.8	4,299.5	68.7	563.1	315.2	9.0	563.1	9.0	315.2	5.0	1,080.0	17.3	1,080.0	17.3
1963	6,578.4	4,458.0	67.8	525.9	407.3	8.0	525.9	8.0	407.3	6.2	1,187.2	18.0	1,187.2	18.0
1964	7,487.7	5,164.3	69.0	574.0	405.8	7.7	574.0	7.7	405.8	5.4	1,343.6	17.9	1,343.6	17.9
1965	8,633.1	6,044.8	70.0	619.1	372.8	7.2	619.1	7.2	372.8	4.3	1,596.5	18.5	1,596.5	18.5
1966	10,071.9	7,204.4	71.5	672.6	431.9	6.7	672.6	6.7	431.9	4.3	1,763.0	17.5	1,763.0	17.5
1967	10,872.2	7,951.3	73.1	650.1	419.0	6.0	650.1	6.0	419.0	3.9	1,851.8	17.0	1,851.8	17.0
1968	12,358.0	9,048.4	73.2	696.1	453.0	5.6	696.1	5.6	453.0	3.7	2,160.5	17.5	2,160.5	17.5
1969	14,130.4	10,243.2	72.5	791.1	571.9	5.6	791.1	5.6	571.9	4.0	2,523.6	17.8	2,523.6	17.8
1970	13,951.9	9,917.2	71.1	738.2	621.0	5.3	738.2	5.3	621.0	4.5	2,675.0	19.2	2,675.0	19.2
1971	15,618.1 <sup>p</sup>	10,950.6 <sup>p</sup>	70.1	837.3	547.2	5.4	837.3	5.4	547.2	3.5	3,283.0 <sup>p</sup>	21.0	3,283.0	21.0
1972	18,669.4 <sup>p</sup>	12,878.2 <sup>p</sup>	69.0	949.5	665.6	5.1	949.5	5.1	665.6	3.6	4,176.1	22.4	4,176.1	22.4
1973	23,302.6 <sup>p</sup>	16,483.6 <sup>p</sup>	70.7	1,005.4	803.4 <sup>p</sup>	4.3	1,005.4	4.3	803.4 <sup>p</sup>	3.5	5,010.2 <sup>p</sup>	21.5	5,010.2	21.5
1974	31,578.5	21,249.7	67.5	1,126.6	1,059.0	3.6	1,126.6	3.6	1,059.0	3.2	8,163.2	25.9	8,163.2	25.9

1) Preferential Countries included in above data for data prior to 1970.

Source: SC, Trade of Canada -- Summary of Foreign Trade.

Summary of Exports,

Summary of Imports.

Table 14.5

BALANCE OF PAYMENTS: MERCHANDISE TRADE BALANCE AND CURRENT  
ACCOUNT BALANCE, CANADA, 1950 - 1974

	Merchandise Exports <sup>1</sup>	Merchandise Imports <sup>1</sup>	Merchandise Balance	Current Account Balance
\$ Million				
1950	3,139	3,132	7	-319
1951	3,950	4,101	-151	-512
1952	4,339	3,850	485	187
1953	4,152	4,210	-60	-448
1954	3,934	3,916	18	-424
1955	4,332	4,543	-211	-687
1956	4,837	5,565	-728	-1,372
1957	4,894	5,488	-594	-1,451
1958	4,887	5,066	-176	-1,137
1959	5,151	5,572	-421	-1,487
1960	5,392	5,540	-148	-1,233
1961	5,889	5,716	173	-928
1962	6,387	6,203	184	-830
1963	7,082	6,579	503	-521
1964	8,238	7,537	701	-424
1965	8,745	8,627	118	-1,130
1966	10,326	10,102	224	-1,162
1967	11,338	10,772	566	-499
1968	13,720	12,249	1,471	-97
1969	15,035	14,071	964	-917
1970	16,921	13,869	3,052	1,106
1971	17,961	15,534	2,427	306
1972	20,222	18,577	1,645	-655
1973	25,500	23,269	2,231	-425
1974	32,493	31,473	1,020	-1,877

1) Adjusted for balance of payments purposes.

Source: SC, Quarterly Estimates of the Canadian Balance of  
International Payments.

Table 14.6  
 RETAIL TRADE ANNUAL SALES, CANADA, ONTARIO, QUEBEC AND  
 BRITISH COLUMBIA, 1950 - 1974

	Canada	Ontario	Quebec	British Columbia <sup>1</sup>
	\$ Million			
1950 <sup>2</sup>	9,617	3,715	2,183	982
1951 <sup>2</sup>	10,693	4,130	2,443	1,100
1952	11,567	4,409	2,658	1,190
1953	12,189	4,666	2,793	1,241
1954	12,317	4,762	2,868	1,274
1955	13,473	5,296	3,109	1,447
1956	14,774	5,734	3,463	1,640
1957	15,423	5,943	3,710	1,683
1958	16,139	6,271	3,854	1,705
1959	17,087	6,615	4,114	1,793
1960	17,390	6,751	4,213	1,755
1961 <sup>3</sup>	16,073	6,207	4,108	1,604
1962	17,137	6,526	4,486	1,751
1963	18,207	6,948	4,770	1,880
1964	19,493	7,366	5,120	2,086
1965	21,155	8,043	5,534	2,307
1966	22,686	8,625	5,882	2,507
1967	24,155	9,091	6,379	2,648
1968	25,710	9,885	6,565	2,859
1969	27,401	10,588	6,962	3,165
1970	28,034	10,885	7,074	3,260
1971	30,646	11,877	7,681	3,632
1972	33,930	13,014	8,486	4,097
1973	38,231	14,525	9,534	4,736
1974	43,819	16,400	10,843	5,489

1) Includes Yukon and Northwest Territories.

2) Data from 1951-60 revised to conform with the 1961 census.  
 Data from 1966 onward revised on the basis of 1966 Census  
 of Merchandising.

3) Data from 1961 onward incorporate several changes due to a  
 revision to the Standard Industrial Classification:  
 Restaurants, caterers, cocktail lounges, taverns, dressmakers  
 moved from retail to service; lumber and building material  
 dealers, farm implement dealers, feed and seed stores, farm  
 supply stores, harness shops moved from retail to wholesale;  
 and automotive repair shops, radio and TV repair shops,  
 jewellery repair and engraving, bicycle repair moved from  
 service to retail.

Source: SC, Retail Trade.

Table 14.7  
VALUE OF RETAIL TRADE BY KIND OF BUSINESS, CANADA AND ONTARIO, 1950 - 1974

	Total	\$ Million																
		Grocery & Combination Stores		Motor Vehicle Dealers		Service Stations and Garages		Department Stores		Shoe & Clothing Stores		Hardware Stores		Furniture, TV, Radio & Appliance Dealers		Fuel Dealers		Other
		Stores		Dealers		Garages		Stores		Stores		Stores		Dealers		Dealers		
CANADA																		
1950 <sup>1</sup>	9,617	1,615	1,505	..	880	618	221	335	220	4,223								
1951 <sup>1</sup>	10,693	1,905	1,884	479	910	700	228	358	233	3,996								
1952	11,567	2,047	2,105	511	994	754	230	453	237	4,236								
1953	12,189	2,148	2,303	565	1,034	773	244	496	228	4,398								
1954	12,317	2,303	2,055	646	1,072	754	241	510	257	4,479								
1955	13,473	2,464	2,415	738	1,166	780	248	576	278	4,808								
1956	14,774	2,685	2,598	851	1,262	845	278	632	326	5,297								
1957	15,423	2,955	2,547	976	1,306	876	286	621	339	5,517								
1958	16,139	3,201	2,485	1,083	1,375	910	297	628	348	5,812								
1959	17,087	3,378	2,701	1,160	1,456	943	302	653	366	6,128								
1960 <sup>2</sup>	17,390	3,580	2,650	1,211	1,495	986	299	620	349	6,200								
1961	16,073	3,704	2,599	1,492	1,551	1,008	300	572	347	4,500								
1962	17,137	3,914	2,957	1,582	1,629	1,086	301	587	412	4,669								
1963	18,207	4,176	3,312	1,624	1,730	1,158	310	601	425	4,871								
1964	19,493	4,481	3,612	1,695	1,892	1,254	320	627	421	5,191								
1965	21,155	4,825	4,175	1,778	2,010	1,360	332	678	448	5,549								
1966	22,686	5,352	4,338	1,874	1,974	1,382	356	740	475	6,195								
1967	24,155	5,685	4,433	2,004	2,158	1,513	366	784	461	6,751								
1968	25,710	5,986	4,714	2,180	2,445	1,588	392	816	471	7,118								
1969	27,401	6,401	4,796	2,318	2,737	1,672	391	868	466	7,752								
1970	28,034	6,849	4,197	2,531	2,852	1,732	383	847	473	8,170								
1971	30,646	7,260	4,925	2,695	3,184	1,867	409	942	523	8,841								
1972	33,930	7,890	5,663	2,892	3,688	2,002	448	1,069	579	9,699								
1973	38,231	8,820	6,764	3,173	4,307	2,150	499	1,195	618	10,705								
1974	43,819	10,352	7,604	3,636	5,059	2,404	575	1,305	819	12,065								

Table 14.7 (cont'd)

Total	Grocery & Combi- nation Stores	Motor Vehicle Dealers	Service Stations and Garages	Depart- ment Stores	Shoe & Clothing Stores	Hardware Stores	Furniture, TV, Radio & Appliance Dealers			Other
\$ Million										
ONTARIO										
1950 <sup>1</sup>	3,715	615	200	306	249	..	151	116	1,533 <sup>2</sup>	
1951	4,130	730	213	309	290	84	164	122	1,518 <sup>2</sup>	
1952	4,409	775	224	335	306	85	207	119	1,580 <sup>2</sup>	
1953	4,666	818	242	345	314	87	234	113	1,648 <sup>2</sup>	
1954	4,762	891	281	357	304	96	236	131	1,692 <sup>2</sup>	
1955	5,296	950	319	389	314	99	252	137	1,856 <sup>2</sup>	
1956	5,734	1,033	365	420	340	104	279	166	2,030 <sup>2</sup>	
1957	5,943	1,146	421	437	353	106	263	174	2,122 <sup>2</sup>	
1958	6,271	1,243	456	460	370	106	259	181	2,256 <sup>2</sup>	
1959	6,615	1,274	481	493	387	107	266	189	2,388 <sup>2</sup>	
1960 <sup>2</sup>	6,751	1,372	496	509	397	106 <sup>2</sup>	252	179	2,428 <sup>2</sup>	
1961	6,207	1,399	572	527	395	102	237	180 <sup>2</sup>	1,813 <sup>2</sup>	
1962	6,526 <sup>2</sup>	1,475 <sup>2</sup>	577 <sup>2</sup>	548 <sup>2</sup>	428 <sup>2</sup>	96 <sup>2</sup>	235 <sup>2</sup>	214 <sup>2</sup>	1,835 <sup>2</sup>	
1963	6,948 <sup>2</sup>	1,577 <sup>2</sup>	595 <sup>2</sup>	583 <sup>2</sup>	459 <sup>2</sup>	100 <sup>2</sup>	249 <sup>2</sup>	204 <sup>2</sup>	1,936 <sup>2</sup>	
1964	7,366 <sup>2</sup>	1,681 <sup>2</sup>	618 <sup>2</sup>	643 <sup>2</sup>	495 <sup>2</sup>	102 <sup>2</sup>	250 <sup>2</sup>	183 <sup>2</sup>	2,070 <sup>2</sup>	
1965	8,043 <sup>2</sup>	1,808 <sup>2</sup>	654 <sup>2</sup>	678 <sup>2</sup>	541 <sup>2</sup>	105 <sup>2</sup>	279 <sup>2</sup>	188 <sup>2</sup>	2,238 <sup>2</sup>	
1966	8,625 <sup>2</sup>	2,017 <sup>2</sup>	702 <sup>2</sup>	745 <sup>2</sup>	523 <sup>2</sup>	112 <sup>2</sup>	305 <sup>2</sup>	200 <sup>2</sup>	2,436 <sup>2</sup>	
1967	9,091 <sup>2</sup>	2,147 <sup>2</sup>	749 <sup>2</sup>	815 <sup>2</sup>	567 <sup>2</sup>	115 <sup>2</sup>	312 <sup>2</sup>	188 <sup>2</sup>	2,620 <sup>2</sup>	
1968	9,885 <sup>2</sup>	2,257 <sup>2</sup>	806 <sup>2</sup>	946 <sup>2</sup>	622 <sup>2</sup>	128 <sup>2</sup>	332 <sup>2</sup>	185 <sup>2</sup>	2,877 <sup>2</sup>	
1969	10,588	2,431	870	1,067	654	128	368	176	3,095	
1970	10,885	2,621	970	1,118	685	126	358	174	3,259	
1971	11,877	2,781	1,022	1,250	746	132	393	191	3,522	
1972	13,014	3,027	1,070	1,441	799	141	444	208	3,859	
1973	14,525	3,408	1,174	1,653	853	148	494	215	4,218	
1974	16,400	3,992	1,341	1,910	943	166	544	280	4,673	

1) Data from 1951-60 revised to conform with the 1961 census. Data from 1966 onward revised on the basis of 1966 Census of Merchandising.

2) Data from 1961 onward incorporate several changes due to a revision to the Standard Industrial Classification: Restaurants, cafeterias, cocktail lounges, taverns, dressmakers moved from retail to service; lumber and building material dealers, farm implement dealers, feed and seed stores, farm supply stores, harness shops moved from retail to wholesale; and automotive repair shops, radio and TV repair shops, jewellery repair and engraving, bicycle repair moved from service to retail.

Source: SC, Retail Trade.



Table 14.8

DEPARTMENT STORE SALES, BY PROVINCE, CANADA, 1972 - 1974

	Sales		
	1972	1973	1974
		\$'000's	
CANADA	3,713,871	4,316,178	5,059,277
Ontario	1,453,835	1,649,875	1,909,644
Newfoundland	49,833	57,758	71,626
Prince Edward Island	12,913	15,745	23,558
Nova Scotia	87,013	106,641	129,448
New Brunswick	69,509	83,832	96,448
Quebec	681,199	797,811	939,943
Manitoba	245,229	275,971	313,501
Saskatchewan	84,777	102,419	128,933
Alberta	440,208	512,556	617,191
British Columbia <sup>1</sup>	589,356	713,568	828,985

1) Includes Yukon and Northwest Territories.

Source: SC, Department Store Sales and Stocks.



Table 14.9

PRINCIPAL STATISTICS OF MOTION PICTURE THEATRES, BY SELECTED CITY, CANADA AND ONTARIO, 1<sup>1</sup>, 2 1967-1973

	Establish- ments	Seating Capacity	Receipts from admissions (excluding taxes)	Amusement taxes	Number of paid admis- sions	Potential Number of admissions	Average admis- sion <sup>3</sup> price	Per Capi- ta Expen- diture on Motion Picture Entertain- ment <sup>4</sup>

Table 14.9 (cont'd)

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	Establish- ments	Seating Capacity	Receipts from admissions (excluding taxes)	Amusement taxes	Number of paid admis- sions	Potential Number of admissions	Average admis- sion price <sup>3</sup>	Per Capita Expenditure	
								on Motion Picture	Entertain- ment <sup>4</sup>
				----- \$'000's -----	----- '000's -----		----- \$ -----		
<b>1970</b>									
Canada	1,156	665,996	111,692	8,111	80,826	530,946	1.38	6.45	
Ontario	287	212,763	43,082	3,918	29,042	195,330	1.48	7.37	
Toronto	55	52,303	15,131	1,427	8,237	56,211	1.84	..	
Hamilton	15	13,521	2,354	218	1,453	14,659	1.62	..	
Ottawa	12	11,397	2,825	257	1,975	11,703	1.43	..	
London	7	5,887	1,660	155	1,037	8,020	1.60	..	
Windsor	7	7,343	1,329	120	828	7,388	1.61	..	
<b>1972</b>									
Canada	1,128	651,899	122,493	8,907	81,241	544,729	1.51	6.89	
Ontario	283	206,114	46,047	4,263	28,830	186,232	1.60	7.58	
Toronto	63	56,126	17,465	1,672	9,067	59,403	1.93	..	
Hamilton	12	9,158	2,286	218	1,340	8,431	1.71	..	
Ottawa	12	10,189	3,328	310	2,004	13,250	1.66	..	
London	7	5,887	1,802	133	1,131	9,027	1.59	..	
Windsor	7	7,624	1,659	157	1,048	9,462	1.58	..	
<b>1973</b>									
Canada	1,135	650,851	129,876	9,665	77,438	532,375	1.68	7.32	
Ontario	292	209,476	48,493	4,613	27,668	185,971	1.75	7.87	
Toronto	65	57,130	17,774	1,714	8,551	60,375	2.08	..	
Hamilton	16	11,993	2,997	283	1,654	10,619	1.81	..	
Ottawa	12	10,183	3,676	354	2,109	10,606	1.74	..	
London	7	6,028	1,920	187	1,053	8,567	1.82	..	
Windsor	7	6,966	1,612	160	881	9,006	1.83	..	

1) Includes only those theatres located within the incorporated limits of the city.

2) 1971 data not available as no survey was carried out. Data will be available through the 1971 Censuses.

3) Admission receipts (excluding taxes) divided by number of admissions. No corrections are made for juvenile attendance, matinee and evening prices, etc.

4) Per capita expenditure is calculated from total receipts (including amusement taxes) of regular theatres and drive-ins.

Table 14.10

PRINCIPAL STATISTICS OF DRIVE-IN THEATRES, CANADA AND ONTARIO, <sup>1</sup> 1967 - 1973<sup>2</sup>

	Establish- ments	Car Capacity	Walk-in Seats	Number of Paid Admissions	Receipts from Ad- missions (excluding taxes)	Amuse- ment Taxes	Sales of Candy, Drinks, Cigarettes, etc.	Per Capita Ex- penditure on Motion Picture Entertainment <sup>2</sup>
				'000's		\$'000's		\$
1967								
Canada	253	101,490	674	12,042	12,759	787	5,424	5.08
Ontario	98	48,725	40	5,695	6,550	622	3,024	6.07
1968								
Canada	261	106,231	705	12,252	14,656	932	6,341	5.88
Ontario	102	50,531	40	6,050	7,893	751	3,601	7.13
1969								
Canada	271	108,729	606	11,308	15,658	1,033	6,696	6.01
Ontario	103	51,126	40	5,622	8,301	830	3,578	7.20
1970								
Canada	279	115,512	328	11,489	17,047	1,118	7,081	6.45
Ontario	102	51,458	-	5,377	8,463	845	3,667	7.37
1972								
Canada	284	117,858	457	10,559	17,881	1,173	7,847	6.89
Ontario	103	54,202	279	4,772	8,170	809	3,498	7.58
1973								
Canada	299	133,435	380	11,581	20,726	1,445	8,891	7.32
Ontario	103	53,725	270	4,465	8,502	867	3,550	7.87

1) 1971 data are not available as no survey was carried out. Data will be available through the 1971 Census.

2) Per capita expenditure is calculated from total receipts (including amusement taxes) of drive-ins and regular theatres.  
Source: SC, Motion Picture Theatres and Film Distributors.



Section 15

## AGRICULTURE



## TABLES

- Table 15.1 Number and Area of Occupied Farms, Ontario,  
Selected Years, 1951-1971
- 15.2 Current Values of Farm Capital by Items,  
Canada and Ontario, 1950-1973
- 15.3 Vegetable Production by Selected Types,  
Ontario, 1950-1974
- 15.4 Numbers of Livestock and Poultry on Farm  
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- 15.5 Production, Farm Value and Utilization of  
Milk, Ontario, 1950-1974
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- 15.7 Off-Farm Work by Census-Farm Operators,  
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- 15.8 Income of Farm Operators from Farming  
Operations by Components, Canada and Ontario,  
1950-1973
- 15.9 Cash Income from the Sale of Farm Products  
by Products, Ontario, 1965-1974





## HIGHLIGHTS

### Farm and Farm Production

In Ontario the number of census farms decreased steadily from 121,333 in 1961 to 94,722 in 1971, a decrease of 21.9 per cent. In 1961, 66.4 per cent of improved land was under crops and 27.3 per cent under pasture. By 1971, the percentage of improved land under crops increased to 72.3 per cent, and under pasture decreased to 21.5 per cent.

From 1961 to 1971 the value of livestock and poultry increased by 34.1 per cent; land and buildings by 65.8 per cent, and implements and machinery by 53.6 per cent. From 1971 to 1973 livestock and poultry value increased by 35.9 per cent to \$1.2 billion. Similarly an increase of 26.9 per cent was seen in the value of land and buildings, and 13.7 per cent in the value of implements and machinery.

Cattle and calves on farms totalled approximately 3 million for each year between 1961 and 1974. The number of hogs increased 32.2 per cent from 1961 to 1971 and decreased 10.3 per cent from 1971 to 1974. Sheep and lambs decreased by 39.3 per cent to 207,000 from 1961 to 1974. The number of hens and chickens increased by 28.7 per cent to 32 million from 1961 to 1972. Turkeys increased by 63.9 per cent to 4.5 million from 1961 to 1970, but decreased in 1972 by 15.7 per cent to 3.8 million.

In Ontario's vegetable production between 1970 and 1973, cabbage production rose by 14.2 per cent; carrot production fell by 6.3 per cent; corn production rose by 24.4 per cent; cucumber production decreased by 27.5 per cent; tomato processing increased by 8.4 per cent; and rutabaga production decreased by 22.2 per cent.

### Farm Income

From 1961 to 1971 farm cash receipts rose by 63.6 per cent to \$1.43 billion; again from 1971 to 1974 cash receipts increased by another 69.0 per cent to total \$2.41 billion.

Total net income from farming operations in Ontario rose by 27.5 per cent between 1961 and 1971 to reach \$394 million.

A notable increase in total net income occurred between 1971 and 1974, increasing by 101.1 per cent to \$792.4 million. In 1966 total crops made up 26.4 per cent, whereas total livestock products made up 70.4 per cent of total cash receipts. By 1974, total crops and total livestock products accounted for 33.6 and 62.7 per cent of total cash receipts, respectively.

In 1966, 1971 and 1974 tobacco yielded the highest cash receipts, being 34.3 per cent in 1966, 27.6 per cent in 1971 and 25.2 per cent in 1974 of total crops. For the same years, cattle and calves yielded the highest cash receipts, 35.6 per cent in 1966, 38.0 per cent in 1971 and 33.7 per cent in 1974 of total livestock products.

## DEFINITIONS

### *Census Farm*

Is defined as an agricultural holding of 1 acre or more with sales of agricultural products during the preceding 12 months of \$50 or more. This definition was the same as that used in 1961 and 1966 but differed from 1956 and earlier. This difference in definition had little effect on field crop acreages.

### *Cash Receipts*

Receipts from the sale of agricultural products.

### *Income in Kind*

This item represents the value of consumption of homegrown food, wool and woodlot products, plus an imputed rental value of farm dwellings.

### *Operating and Depreciation Charges*

This estimate includes farm business costs incurred by farmers regardless of whether they are paid for in cash or accumulated as new debt. As far as possible, they exclude outlays for goods and services obtained directly from other farmers. All subsidy payments are taken into account in order that the estimates represent only net amounts paid by farmers.

Depreciation charges are intended to reflect the amount that farmers would have to pay to accommodate the decline in value of farm buildings and machinery due to obsolescence and wear.

### *Realized Net Income*

Is obtained by adding together farm cash receipts from the sale of agricultural products, supplementary payments, and the value of income in kind, and deducting farm operating expenses and depreciation charges. This estimate of farm net income represents the amount of income from farming that operators have left for family living, personal taxes and investment after provision has been made for operating expenses and depreciation charges.

### *Value of Inventory Change*

The value of inventory change is obtained by calculating the change in the quantity of field crops and the number of live-stock on farms between the beginning and end of the year and valuing the difference at average annual prices.

### *Total Net Income*

Is obtained by adjusting realized net income to take into account changes occurring in inventories of livestock and stocks of field crops on farms between the beginning and end of the year. This latter estimate of income is used in calculating the contribution of agriculture to National Income and for making comparisons with net income of non-farm business enterprises.

Table 15.1  
NUMBER AND AREA OF OCCUPIED FARMS, ONTARIO, SELECTED YEARS, 1951 - 1971

	1951	1956	1961	1966	1971
<b>CENSUS FARMS</b>					
Number of census farms	149,920	140,602	121,333	109,887	94,722
<b>AREAS</b>					
Total land area <sup>1</sup>	213,654,400	213,654,400	220,218,880	220,218,880	226,702,720
Area in census farms	20,880,054	19,879,646	18,578,507	17,826,045	15,963,056
Percentage of total land area in census farms	9.8	9.3	8.4	8.1	7.0
<b>Area by tenure of operator:</b>					
Owner	16,126,617	15,482,239	13,550,073	12,236,352	9,728,603
Tenant	1,006,743	750,178	668,058	544,884	670,112
Part owner, part tenant	3,339,554	3,253,798	4,184,203	4,868,800	5,564,341
Manager	407,140	393,431	176,173	176,009	..
Total area owned <sup>2</sup>	18,632,732	17,982,565	16,400,792	15,507,615	13,096,784
Total area rented	2,247,322	1,897,081	2,177,715	2,318,430	2,866,272
<b>Use of agricultural land:</b>					
Improved land <sup>3</sup>	12,693,250	12,572,157	12,032,924	12,004,305	10,864,601
Under crops	8,645,302	8,219,407	7,990,358	8,358,741	7,855,890
Pasture	3,235,345	3,470,688	3,295,609	2,935,693	2,336,446
Summer fallow	333,764	333,973	244,842	229,852	237,916
Other improved land	478,839	548,089	502,115	480,019	434,349
Unimproved land	8,186,804	7,307,489	6,545,583	5,821,740	5,098,455
Woodland	3,852,774	3,338,870	3,257,589	2,834,417	2,300,621
Other unimproved land	4,334,030	3,968,619	3,287,994	2,987,323	2,797,834

1) The land area total has been revised since the 1961 Census.

2) Includes area operated by manager.

3) Includes field, vegetable, fruit and nursery crop land.

Source: Ministry of Agriculture and Food, Agricultural Statistics for Ontario, 1973.

Table 15.2  
CURRENT VALUES OF FARM CAPITAL BY ITEMS, CANADA<sup>1</sup> AND ONTARIO, 1950 - 1973

Year	Livestock and Poultry		Lands and Buildings		Implements and Machinery	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	\$'000's					
1950	1,467,580 <sup>2</sup>	485,067 <sup>2</sup>	5,022,642	1,194,178	1,681,075	389,352
1951	2,006,491 <sup>2</sup>	682,197 <sup>2</sup>	5,512,519	1,419,364	1,931,880	445,278
1952	1,790,874 <sup>2</sup>	561,148 <sup>2</sup>	5,668,467	1,464,329	2,076,787	486,270
1953	1,556,503 <sup>2</sup>	490,068 <sup>2</sup>	6,295,977	1,600,376	2,257,636	519,570
1954	1,424,076 <sup>2</sup>	454,733 <sup>2</sup>	6,183,050	1,667,247	2,352,548	531,526
1955	1,462,727 <sup>2</sup>	459,295 <sup>2</sup>	6,567,066	1,803,294	2,283,627	520,991
1956	1,422,719 <sup>2</sup>	430,056 <sup>2</sup>	6,852,657	1,893,223	2,263,286	526,358
1957	1,512,472 <sup>2</sup>	465,308 <sup>2</sup>	6,958,491	1,984,305	2,371,409	556,333
1958	1,860,461 <sup>2</sup>	575,884 <sup>2</sup>	7,440,775	2,165,316	2,441,191	574,683
1959	1,956,443 <sup>2</sup>	593,555 <sup>2</sup>	7,842,190	2,391,292	2,509,654	589,969
1960	1,878,010 <sup>2</sup>	578,124 <sup>2</sup>	8,226,925	2,369,386	2,575,025	596,787
1961	1,990,234	593,722	8,603,397	3,125,974	2,565,538	579,282
1962	2,053,255	627,081	8,956,699	2,669,855	2,659,783	603,896
1963	2,126,188	614,886	9,571,797	2,719,070	2,810,539	633,141
1964	2,191,530	619,394	10,536,963	2,930,871	3,015,562	667,583
1965	2,137,861	616,873	11,816,736	3,125,974	3,263,250	710,403
1966	2,364,002	678,372	13,149,821	3,451,146	3,548,848	758,398
1967	2,517,816	731,261	14,828,164	3,881,140	3,723,206	797,591
1968	2,489,739	744,872	16,338,228	4,374,353	3,872,524	833,154
1969	2,955,806	855,239	16,626,354	4,968,160	3,925,308	855,336
1970	3,139,658	857,083	16,738,363	5,005,110	3,922,979	877,785
1971	3,069,499	796,508	16,911,982	5,183,419	3,904,900	890,037
1972	3,718,556	957,135	17,386,692	5,411,489	4,072,599	939,321
1973	4,885,541	1,243,122	20,291,321	6,569,548	4,308,260	1,012,418

1) Excludes Newfoundland.

2) Includes value of animals on fur farms.

Source: CANSIM, Current Value of Farm Capital by Items.







Year <sup>1</sup>	Hens and Chickens		Turkeys		Poultry		Ducks	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's							
1950	55779.0	20739.0	2500.0	594.0	352.0	142.0	465.0	191.0
1951	64541.0	23767.0	2527.0	666.0	353.0	139.0	437.0	165.0
1952	59010.0	21600.0	3409.0	800.0	378.0	131.0	478.0	165.0
1953	64918.0	25445.0	2885.0	735.0	374.0	135.0	474.0	175.0
1954	69441.0	27400.0	3689.0	925.0	342.0	118.0	451.0	130.0
1955	65019.0	25190.0	3793.0	1065.0	368.0	101.0	522.0	150.0
1956	67535.0	24934.0	4770.0	1415.0	326.0	96.0	420.0	124.0
1957	71636.0	28175.0	5232.0	1650.0	322.0	91.0	401.0	121.0
1958	72343.0	27028.0	6134.0	1950.0	339.0	100.0	435.0	124.0
1959	71611.0	26457.0	7542.0	2660.0	329.0	95.0	413.0	121.0
1960	67261.0	24808.0	6156.0	2200.0	321.0	89.0	395.0	118.0
1961	69962.0	24708.0	7668.5	2745.0	314.2	69.0	397.5	122.0
1962	65031.0	23060.0	6744.0	2800.0	311.1	68.0	403.7	150.0
1963	67645.0	24230.0	6653.0	2900.0	331.8	68.0	391.3	125.0
1964	71514.0	25180.0	6799.0	2910.0	330.5	70.0	397.5	130.0
1965	70691.0	24250.0	7942.0	3400.0	330.7	60.0	403.0	135.0
1966	75223.6	25308.6	8967.8	4044.4	338.7	60.8	409.9	135.9
1967	78887.0	26670.0	8757.5	3800.0	347.6	57.0	407.7	126.0
1968	78515.0	26810.0	8369.6	3760.0	363.8	60.0	422.8	132.0
1969	86680.0	29200.0	9098.0	4400.0	377.0	60.0	439.9	138.0
1970	94955.0	31530.0	10203.0	4500.0	386.2	57.0	452.9	130.0
1971	90239.5	31509.9	9540.8	3765.4	415.5	72.6	553.9	155.3
1972	91296.0	31800.0	9062.8	3790.0	409.1	75.0	580.6	185.0
1973	..	..	..	..	..	..	..	..
1974	..	..	..	..	..	..	..	..

1) Figures as at June 1 of each year.

Source: CANSIM,  
 Cattle: Numbers on farms at June 1 by class and by Province.  
 Hogs: Numbers on farms at June 1 by Class and by Province.  
 Sheep and Lambs: Numbers on farms at June 1 by Class and by Province.  
 Horses: Numbers on farms at June 1 by Class and by Province.  
 Poultry: Numbers on farms at June 1 by Class and by Province.

Table 15.5  
PRODUCTION, FARM VALUE AND UTILIZATION OF MILK, ONTARIO, 1950-1974

	Total Milk Production '000's lb	Farm Value of Production \$'000	Used in Manufacture		Used Otherwise		
			on farms	in factories	fluid sales	farmhome consumed	fed to livestock
			'000's lb	'000's lb		'000's lb	
1950	5,063,581	135,386	72,518	2,971,223	1,579,600	231,890	208,350
1951	5,050,270	154,154	70,431	2,945,242	1,597,820	224,796	211,981
1952	5,164,928	154,449	46,070	3,070,685	1,601,655	223,236	223,282
1953	5,370,319	157,227	32,282	3,219,952	1,675,985	221,975	220,125
1954	5,524,199	160,406	29,508	3,293,649	1,755,557	222,420	223,065
1955	5,543,224	163,227	24,780	3,325,694	1,804,780	227,200	160,770
1956	5,626,172	168,532	22,850	3,219,974	1,932,823	234,883	215,642
1957	5,676,558	173,987	19,936	3,275,351	1,941,573	221,918	217,780
1958	5,916,687	184,598	21,856	3,512,703	1,942,173	218,391	221,564
1959	6,065,044	198,885	23,657	3,614,801	1,963,354	216,323	246,909
1960	6,072,245	196,498	21,785	3,652,196	1,952,060	204,771	241,433
1961	6,271,347	197,379	15,701	3,863,284	1,927,132	194,064	271,166
1962	6,405,661	203,719	16,169	3,946,007	1,962,985	191,200	289,300
1963	6,570,600	214,859	12,262	4,079,397	1,986,041	197,500	295,400
1964	6,795,248	229,069	9,360	4,256,662	2,029,426	197,000	302,800
1965	6,971,092	241,615	8,120	4,403,668	2,074,504	192,200	292,600
1966	6,765,044	245,046	6,949	4,237,649	2,096,987	153,059	270,400
1967	6,600,814	258,903	6,950	4,107,255	2,080,883	140,826	264,900
1968	6,603,774	267,579	6,646	4,106,616	2,094,265	134,647	261,600
1969	6,572,536	274,018	6,388	4,080,602	2,102,886	125,560	257,100
1970	6,353,979	269,201 <sup>1</sup>	6,014	3,866,452	2,126,358	106,155	249,000
1971	6,069,714	280,130 <sup>1</sup>	5,288	3,583,983	2,144,080	92,063	244,300
1972	6,379,212	311,133 <sup>1</sup>	4,821	3,821,967	2,208,652	93,872	249,900
1973	6,009,016	336,671	3,603	3,404,808	2,240,428	88,580	271,597
1974	5,972,955	421,574	..	3,358,972	2,261,135	88,553	269,295

1) Represents the market price less levies collected under Provincial Authority. Levies by category.  
Source: Ministry of Agriculture and Food, Agricultural Statistics of Ontario.



Table 15.6

FARM IMPLEMENT AND EQUIPMENT SALES AT WHOLESALE PRICES, CANADA AND ONTARIO, 1950-1974

	<u>Machines</u>		<u>Repair Parts</u>	
	Canada	Ontario	Canada	Ontario
\$'000's				
1950	218,190	51,920	29,860	6,040
1951	235,620	58,740	28,770	6,170
1952	250,280	51,450	31,230	6,170
1953	238,050	45,440	31,820	6,090
1954	146,700	39,360	27,340	6,000
1955	153,120	43,820	28,450	6,230
1956	170,770	42,900	31,820	6,360
1957	149,900	39,170	33,820	6,980
1958	172,010	43,060	33,980	7,000
1959	212,230	50,590	38,890	8,020
1960	217,470	49,400	41,310	8,780
1961	201,780	51,010	39,640	9,120
1962	238,800	50,890	43,880	9,630
1963	287,840	59,770	49,720	10,540
1964	326,980	69,390	53,160	11,740
1965	371,320	72,940	55,640	13,520
1966	416,910	87,090	61,990	15,340
1967	432,300	96,860	62,090	15,070
1968	378,130	89,120	63,960	15,790
1969	344,310	92,830	65,750	16,620
1970	278,980	83,180	65,030	17,080
1971	326,160	90,060	76,810	20,740
1972	420,250	114,710	87,920	22,610
1973	573,870	142,150	108,220	26,340
1974	790,040	196,660	143,040	32,840

Source: *CANSIM*, Farm Implement and Equipment Sales at Wholesale Prices.

Table 15.7  
OFF-FARM WORK<sup>1</sup> BY CENSUS-FARM OPERATORS, CANADA AND ONTARIO, SELECTED YEARS, 1950 - 1970

	1950		1966		1970	
	Canada <sup>2</sup>	Ontario	Canada	Ontario	Canada	Ontario
Farm Operators reporting Off-Farm Work <sup>1</sup> Classified by Days Worked						
	172,092	39,776	165,723	45,241	129,287	40,499
1 - 6 days	8,159	1,971	6,892	1,678	5,339	1,560
7 - 12 days	10,596	2,632	8,238	2,068	4,832	1,411
13 - 24 days	12,358	2,845	11,483	2,610	7,243	2,006
25 - 48 days	19,069	4,133	18,094	3,789	10,971	2,836
49 - 72 days	17,744	3,368	15,631	3,034	9,413	2,207
73 - 96 days	12,256	1,979	10,790	2,044	7,843	1,741
97 - 126 days	18,937	3,287	15,233	3,169	10,766	2,542
127 - 156 days	12,524	2,322	9,941	2,344	7,861	2,038
157 - 228 days	23,915	4,965	23,341	6,131	22,907	6,919
229 - 365 days	36,534	12,274	46,080	18,374	42,112	17,239
Total days of off-farm work <sup>1</sup> by farm operators	..	..	23,005,299	7,429,129	19,942,996	6,982,006

1) Includes agriculture and non-agriculture work off the operator's farm.

2) Excludes data for Yukon and Northwest Territory.

Source: SC, Census of Canada, 1951, 1966 and 1971.

Table 15.8

INCOME OF FARM OPERATORS FROM FARMING OPERATIONS BY COMPONENTS, CANADA<sup>1</sup> AND ONTARIO, 1950 - 1973

	Value of Inventory Change		Realized Gross Income		Cash Receipts From Farm Products		Income in Kind		Supplementary Payments	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	131,842	47,936	2,433,595	731,789	2,121,978	\$'000's 649,960	297,811	81,829	13,806	..
1951	327,433	34,206	3,070,138	876,700	2,725,182	784,073	334,600	92,627	10,356	..
1952	282,165	19,025	3,140,581	830,915	2,798,534	739,254	336,916	91,661	5,131	..
1953	74,559	16,383	3,040,061	807,925	2,708,590	715,952	329,899	91,973	1,572	..
1954	-77,151	13,175	2,615,208	786,281	2,292,708	693,741	320,073	92,540	2,427	..
1955	202,834	-27,090	2,593,718	817,102	2,239,058	723,857	321,322	93,245	33,338	..
1956	194,967	22,173	2,860,041	811,582	2,529,300	718,654	325,737	92,928	5,004	..
1957	-118,143	15,633	2,848,316	855,452	2,515,917	758,954	330,412	96,498	1,987	..
1958	-46,924	31,861	3,159,937	939,342	2,754,229	837,192	345,580	102,150	60,128	..
1959	-63,583	-9,371	3,122,418	950,523	2,753,873	843,132	346,458	107,391	22,087	..
1960	67,904	8,148	3,163,872	958,069	2,734,498	850,334	352,170	107,735	77,204	..
1961	-273,526	27,792	3,277,634	984,764	2,887,916	872,530	353,952	112,234	35,766	..
1962	193,946	22,001	3,538,844	1,046,384	3,111,936	931,126	356,595	115,258	70,313	..
1963	302,575	-31,764	3,580,329	1,119,694	3,199,851	1,001,982	365,709	117,712	14,769	..
1964	-85,700	-16,069	3,886,784	1,143,606	3,495,646	1,020,203	382,661	123,403	8,477	..
1965	48,216	-1,474	4,230,803	1,224,195	3,806,096	1,094,126	411,945	129,705	12,762	364
1966	205,177	39,127	4,737,255	1,396,507	4,253,179	1,243,473	442,731	143,394	41,345	9,640
1967	-150,233	5,464	4,846,864	1,436,940	4,376,412	1,281,568	464,315	155,372	6,137	-
1968	204,713	-12,067	4,856,072	1,490,112	4,356,501	1,318,823	491,603	171,289	7,968	-
1969	290,272	-12,321	4,717,450	1,574,078	4,189,884	1,377,900	517,631	195,210	9,935	968
1970	60,429	9,155	4,813,874	1,602,480	4,192,673	1,410,863	562,994	191,617	58,207	-
1971	182,940	4,262	5,100,460	1,612,046	4,544,560	1,427,965	537,645	184,081	18,255	-
1972	-295,326	-28,425	6,022,463	1,837,197	5,386,368	1,637,699	559,141	191,875	76,954	7,623
1973	654,917	94,122	7,517,454	2,207,003	6,828,421	1,970,950	677,525	235,749	11,508	304
1974	-60,449	-42,592	9,710,578	2,716,579	8,836,528	2,413,583	843,975	302,990	30,075	6

Table 15.8 (cont'd)

	Total Gross Income		Depreciation Charges		Realized Net Income		Total Net Income	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
				\$'000's				
1950	2,565,437	779,725	1,316,183	409,105	1,117,412	322,684	1,249,254	370,620
1951	3,397,571	910,906	1,466,194	462,767	1,603,944	413,933	1,931,377	448,139
1952	3,422,746	849,940	1,542,264	478,256	1,598,317	352,659	1,880,482	371,684
1953	3,114,620	824,308	1,554,611	487,821	1,485,450	320,104	1,560,009	336,487
1954	2,538,057	799,456	1,557,694	506,378	1,057,514	279,903	980,363	293,078
1955	2,796,552	790,012	1,622,055	523,593	971,663	293,509	1,174,497	266,419
1956	3,055,008	833,755	1,739,077	575,338	1,120,964	236,244	1,315,931	258,417
1957	2,730,173	871,085	1,736,230	574,729	1,112,086	280,723	993,943	296,356
1958	3,113,013	971,203	1,850,073	614,538	1,309,864	324,804	1,262,940	356,665
1959	3,058,835	941,152	1,961,016	659,847	1,161,402	290,676	1,097,819	281,305
1960	3,231,776	966,217	2,035,928	673,768	1,127,944	284,301	1,195,848	292,449
1961	3,004,108	1,012,556	2,082,260	703,764	1,195,374	281,000	921,848	308,792
1962	3,732,790	1,068,385	2,206,912	720,533	1,331,932	325,851	1,535,878	347,852
1963	3,882,904	1,087,930	2,361,712	773,545	1,218,617	346,149	1,521,192	314,385
1964	3,801,084	1,127,537	2,508,964	826,807	1,377,820	316,799	1,292,120	300,730
1965	4,279,019	1,222,721	2,712,243	882,268	1,518,560	341,927	1,566,776	340,453
1966	4,942,432	1,435,634	2,993,568	967,872	1,743,687	428,635	1,948,864	467,762
1967	4,696,631	1,442,404	3,221,344	1,063,001	1,625,530	373,939	1,475,297	379,403
1968	5,060,785	1,478,045	3,350,729	1,088,429	1,505,343	401,683	1,710,056	389,616
1969	5,007,722	1,561,757	3,443,448	1,134,542	1,274,002	439,536	1,564,274	427,215
1970	4,874,303	1,611,635	3,468,973	1,166,366	1,344,901	436,114	1,405,330	445,269
1971	5,283,400	1,616,308	3,632,430	1,222,473	1,468,030	389,573	1,650,970	393,835
1972	5,727,137	1,808,772	3,880,692	1,296,323	2,141,771	540,874	1,846,445	512,449
1973	8,172,371	2,301,125	4,774,022	1,597,393	2,746,432	609,610	3,401,349	703,732
1974	9,650,129	2,673,987	5,867,105	1,881,621	3,843,473	834,958	3,783,024	792,366

1) Excludes Newfoundland.

Source: CANSIM, Income of Farm Operators from Farming Operations by Components.  
SC, Daily.

Table 15.9  
CASH INCOME FROM THE SALE OF FARM PRODUCTS BY PRODUCTS, ONTARIO, 1965 - 1974

	1965	1966	1967	1968	1969
	\$'000's				
Wheat	16,951	20,110	24,176	22,710	19,746
Oats	3,785	3,498	2,960	2,807	2,382
Barley	1,735	2,466	2,944	3,233	3,437
Rye	140	155	157	155	177
Flaxseed	697	485	268	257	103
Soybeans	14,120	19,793	21,353	22,363	16,661
Corn	24,775	28,456	28,148	26,114	37,639
Sugar beets	1,876	1,577	2,649	—	—
Potatoes	23,268	17,269	9,366	12,611	14,357
Fruits	28,996	30,431	32,851	35,759	39,840
Vegetables	49,709	50,566	59,597	55,091	55,439
Tobacco	84,105	113,950	149,783	136,356	137,504
Other crops	37,786	43,169	44,864	44,060	47,341
TOTAL CROPS	287,943	331,925	379,116	361,516	374,626
Cattle and calves	271,912	314,910	302,522	339,247	348,552
Hogs	144,584	160,155	151,278	152,812	174,040
Sheep and lambs	2,705	3,041	2,862	2,867	3,412
Dairy products	219,234	227,089	241,106	248,780	255,847
Poultry	79,146	92,118	86,870	89,781	95,589
Eggs	59,700	68,594	59,764	65,877	75,792
Other livestock products	16,788	16,470	15,810	17,036	15,918
TOTAL LIVESTOCK PRODUCTS	794,069	882,377	860,212	916,400	969,150
Forest and maple products	3,917	4,416	3,699	3,510	3,081
Dairy supplement payments	6,044 <sup>2</sup>	22,498 <sup>2</sup>	36,954 <sup>4</sup>	36,757 <sup>5</sup>	29,767 <sup>5</sup>
Deficiency payments <sup>1</sup>	2,153	2,257	1,587	640	1,276
Cash receipts from farming operations	1,094,126	1,243,473	1,281,568	1,318,823	1,377,900
Supplementary payments <sup>3</sup>	364	9,640	—	—	968
TOTAL CASH RECEIPTS	1,094,490	1,253,113	1,381,568	1,318,823	1,378,868

Table 15.9 (cont'd)

	1970	1971	1972 \$'000's	1973	1974
Wheat	23,371	21,161	24,699	24,984 <sup>8</sup>	62,134 <sup>8</sup>
Oats	1,878	1,748	1,537	1,870	2,554
Barley	3,412	3,990	4,041	5,633	8,143
Rye	176	125	153	282	341
Flaxseed	76	45	44	—	—
Soybeans	23,732	27,898	35,784	50,348	73,084
Corn	49,214	58,948	59,443	100,756	147,137
Sugar beets	—	—	—	—	—
Potatoes	21,852	19,630	18,953	34,538	40,855
Fruits	41,185	46,551	42,885	49,494	53,806
Vegetables	77,443	81,707	93,916	101,356	100,204
Tobacco	147,313	127,262	141,912	136,533	196,913
Other crops	59,405	71,110	79,346	78,333	93,240
TOTAL CROPS	449,057	460,175	502,713	584,127	778,411
Cattle and calves	332,948	353,980	390,162	437,259	489,988
Hogs	168,879	140,568	212,530	277,767	256,413
Sheep and lambs	3,151	2,776	3,193	3,794	3,922
Dairy products	253,762	264,074	293,785	317,105	398,481
Poultry	95,310	97,087	105,544	154,040	171,393
Eggs	65,722	56,136	65,981	104,446	108,909
Other livestock products	14,290	14,681	17,552	22,793	23,331
TOTAL LIVESTOCK PRODUCTS	934,062	929,302	1,088,747	1,317,204	1,452,437
Forest and maple products	5,110	5,267	5,958	6,383	7,391
Dairy supplement payments	22,429 <sup>5</sup>	33,099 <sup>6</sup>	33,359 <sup>7</sup>	39,808 <sup>7</sup>	66,392 <sup>7</sup>
Deficiency payments <sup>1</sup>	205	122	6,922 <sup>7</sup>	29	1,062
Cash receipts from farming operations	1,410,863	1,427,965	1,637,699	1,947,551	2,305,693
Supplementary payments <sup>3</sup>	—	—	7,623	2,122	8,305
TOTAL CASH RECEIPTS	1,410,863	1,427,965	1,645,322	1,949,673	2,313,998

1) Made under the authority of the Agricultural Stabilization Act. For this report, items included in the deficiency payments are specified below. Deficiency payments on other products are included as part of the estimated income for those products.

2) Includes only deficiency payments on eggs, sugar beets, and wool.

3) Government assistance to farmers who suffered losses as a result of adverse weather conditions.

4) Includes only deficiency payments on eggs, sugar beets, potatoes, and wool.

5) Includes only deficiency payments on eggs, potatoes, and wool.

6) Includes only deficiency payments on wool.

Section 16

## FISHERIES AND WILDLIFE





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1962-1974



## HIGHLIGHTS

### Fisheries

In 1974 the value of the Ontario commercial fish harvest was \$9.7 million, representing a decrease of about 7.0 per cent from 1973; the fish harvest in that same period rose 0.3 per cent from 53,052,900 pounds to 53,225,600 pounds. In terms of value of fish harvest, yellow perch represented 44.1 per cent or \$4,256,000 of the 1974 total for Ontario. In 1974 in terms of weight, 72.7 per cent of the Ontario commercial fish harvest came from Lake Erie. In 1974 Ontario sold 671,431 angling licences to non-residents, down 4.3 per cent from 1973.

### Wildlife

Small game licences represented 65.0 per cent of the total number of hunting licences sold in Ontario in 1974. The number of small game licences sold in 1974 was 377,653, representing a decrease of 1.9 per cent from the number sold in 1973; the number of deer licences sold to Ontario residents increased 0.8 per cent to 89,149 from 1973 to 1974 and the number of moose licences increased 4.5 per cent in the same period; the number of licences sold to non-residents dropped for both moose and deer from 1973 to 1974. The total number of deer harvested in 1973 dropped 5.8 per cent from 17,700 in 1972; of the total 1973 deer harvest 91 per cent were shot by resident hunters; of the 1973 moose harvested, 72.0 per cent were shot by Ontario residents.

### Fur Production

In terms of value, beaver pelts represented 47.8 per cent of the total Ontario pelt value of \$8.1 million in 1974; muskrat pelts represented 18.2 per cent of the total. The average beaver pelt value in 1974 was \$22.20 and the average muskrat pelt was valued at \$2.88. Of 710,024 pelts exported or tanned in Ontario in 1974, 68.9 per cent were muskrat and 158,354 or 22.3 per cent were beaver. Of the \$5 million realized from the pelts, 26.9 per cent came from muskrat pelts and 53.3 per cent came from beaver pelts. The 1974 value of the pelts exported or tanned represented a drop of 31.1 per cent from 1973.

In Ontario in 1974, there were 212 licenced fur farms representing a decrease of 9.8 per cent from 1973. In 1974, Wellington County had 15.6 per cent of the licenced Ontario fur farms followed by Perth County with 12.7 per cent, Muskoka county with 7.4 per cent, Durham and Simcoe counties with 5.7 per cent.



Table 16.1

NUMBER OF ANGLING LICENCES SOLD TO NON-RESIDENTS, ONTARIO,  
1963 - 1974

565

	Number of Licences Sold		Number of Licences Sold
1963	478,736	1969	630,375
1964	495,135	1970	605,320
1965	533,154	1971	652,335
1966	571,453	1972	680,152
1967	578,811	1973	701,595
1968	615,611	1974	671,431

Source: Ministry of Natural Resources, Statistics 1974.  
Ministry of Natural Resources, Commercial Fish and Fur  
Branch.

Table 16.2

COMMERCIAL FISH HARVEST, ONTARIO, 1950 - 1974

	Landing	Value
	'000's lbs.	\$'000's
1950	32,755.8	6,252.0
1951	30,971.5	7,044.0
1952	38,044.0	7,416.6
1953	44,838.5	7,036.5
1954	47,678.9	7,012.9
1955	45,636.3	6,783.1
1956	59,717.2	7,927.9
1957	51,113.1	7,047.0
1958	47,172.2	7,274.4
1959	48,992.3	4,866.4
1960	47,397.2	4,932.8
1961	54,953.6	5,745.8
1962	63,783.5	5,341.2
1963	54,342.4	5,503.9
1964	43,510.3	5,229.8
1965	52,489.2	6,403.7
1966	56,344.0	5,994.6
1967	52,904.5	5,927.2
1968	55,705.4	5,967.9
1969	63,202.6	7,377.8
1970	46,080.8	6,530.8
1971	42,791.2	6,951.3
1972	43,196.0	8,118.4
1973	53,052.9	10,376.0
1974	53,225.6	9,654.1

Source: Ministry of Natural Resources, Commercial Fish and  
Fur Branch.

Table 16.3  
COMMERCIAL FISH HARVEST BY SPECIES, ONTARIO, 1963 - 1974

	1963	1964	1965	1966 '000's lbs.	1967 <sup>1</sup>	1968	1969
Bowfin	55	33	20	24	19	26	27
Bullhead	740	513	451	348	342	395	473
Burbot (Ling)	615	600	404	343	487	382	416
Carp	1,323	938	872	937	928	987	1,046
Catfish	300	287	243	273	250	255	220
Caviar	1	2	2	1	..	..	..
Chub (Deepwater Cisco)	2,329	2,035	1,892	1,265	1,165	681	461
Eel	175	250	194	150	141	181	175
Freshwater Drum (Sheepshead)	1,503	831	990	1,058	666	802	451
Goldeye	20	28	19	7	11	2	..
Lake Herring (Cisco)	2,374	1,993	1,603	1,184	1,935	2,985	2,780
Lake Trout	254	224	178	174	302	301	282
Lake Whitefish	3,357	3,229	3,236	2,812	2,625	2,906	2,957
Northern Pike	990	1,134	1,099	1,005	952	956	871
Rock Bass and Crappie	177	206	209	271	249	276	186
Round Whitefish (Menominee)	20	70	66	58	41	56	57
Sauger	136	141	76	59	82	70	51
Smelt	10,705	12,887	11,917	16,056	12,660	12,490	15,226
Sturgeon	132	98	94	86	76	79	90
Sucker (Mullet)	1,650	1,451	1,102	1,306	1,297	1,278	1,274
Sunfish	358	358	249	253	359	400	413
White Bass	1,991	1,836	2,733	1,806	855	819	925
White Perch	53	272	589	174	181	231	252
Yellow Perch	18,672	9,363	19,465	21,151	22,731	24,969	30,506
Yellow Pickerel (Walleye)	5,107	3,678	3,241	3,987	3,238	2,765	2,050
Animal Food (Unclassified)	1,305	1,053	1,545	1,556	1,313	1,413	2,014
Total Landings	54,342	43,510	52,489	56,344	52,905	55,705	63,203
Total Landed Value (\$'000's)	5,504	5,230	6,404	5,995	5,927	5,968	7,378

Table 16.3 (cont'd)

	1970	1971	1972	1973	1974	1974 <sup>2</sup>
			'000's lbs.			\$'000's
Bowfin	39	22	31	51	56	2
Bullhead	378	362	344	449	477	136
Burbot (Ling)	396	246	311	321	387	8
Carp	702	770	748	725	631	113
Catfish	104	156	156	180	187	60
Caviar	..	..	..	..	..	..
Chub (Deepwater Cisco)	282	802	719	944	1,050	463
Eel	151	173	279	198	229	69
Freshwater Drum (Sheepshead)	310	103	292	543	396	15
Goldeye	1	1	..	..	1	..
Lake Herring (Cisco)	3,060	2,794	2,786	2,447	2,306	409
Lake Trout	199	188	165	209	229	143
Lake Whitefish	2,870	2,312	2,200	1,984	2,359	1,147
Northern Pike	752	558	525	647	725	178
Rock Bass and Crappie	193	199	130	137	129	45
Round Whitefish (Menominee)	37	52	67	56	66	14
Sauger	57	31	19	28	49	17
Smelt	9,572	13,551	11,051	17,557	16,902	962
Sturgeon	47	42	29	38	25	37
Sucker (Mullet)	1,079	797	975	1,085	1,170	55
Sunfish	280	299	290	360	372	74
White Bass	210	114	1,769	1,512	2,359	407
White Perch	452	641	292	299	293	31
Yellow Perch	21,320	15,277	16,836	19,075	13,411	4,256
Yellow Pickerel (Walleye)	1,406	1,154	1,019	1,391	1,430	869
Animal Food (Unclassified)	2,184	2,148	2,163	2,817	7,987	144
Total Landings	46,081	42,792	43,196	53,053	53,226	
Total Landed Value (\$'000's)	6,531	6,951	8,118	10,376	9,654	

1) Caviar included with Sturgeon from 1967.

2) This column shows the dollar value breakdown of Ontario's commercial fish harvest by species.

Source: Ministry of Natural Resources, Statistics, 1974.

Ministry of Natural Resources, Commercial Fish and Fur Branch.

Table 16.4  
COMMERCIAL FISH HARVEST BY WATERS, ONTARIO, 1962 - 1974

	Lake Ontario	Lake Erie	Lake St. Clair	Lake Huron	Georgian Bay	North Channel	Lake Superi- Or	Northern Inland	Southern Inland	Total lbs. '000's	Total Value \$'000's
1962	1,750	44,465	1,031	3,575	348	252	3,146	8,572	644	63,784	5,341
1963	2,046	35,301	1,043	2,948	555	172	2,973	8,440	863	54,342	5,504
1964	2,015	25,381	946	3,018	735	214	2,682	7,938	582	43,510	5,230
1965	2,647	35,096	886	2,286	993	289	2,270	7,584	438	52,489	6,404
1966	1,625	41,426	939	1,958	751	209	1,846	7,010	580	56,344	5,995
1967	1,832	37,770	810	1,744	715	207	2,568	6,625	634	52,905	5,927
1968	2,009	39,415	1,121	1,455	728	247	3,365	6,811	554	55,705	5,968
1969	2,270	48,026	919	1,436	581	313	2,951	6,078	629	63,203	7,378
1970	2,905	31,755	87	1,252	498	375	3,382	5,391	436	46,081	6,531
1971	2,906	29,076	...	1,306	1,069	382	3,367	4,064	622	42,792	6,951
1972	2,547	30,182	...	1,072	959	367	3,656	3,882	532	43,196	8,118
1973	2,356	39,829	...	1,120	1,069	350	3,537	4,267	524	53,053	10,376
1974	2,364	38,686	...	1,730	1,025	616	3,942	4,411	451	53,226	9,654

Source: Ministry of Natural Resources, Commercial Fish and Fur Branch.



Table 16.5  
COMMERCIAL FISHING LICENCES, ONTARIO, 1950 - 1974

	Food-Fish			Bait-Fish			Preser- vers <sup>3</sup>	Revenue from Sale of Licences	Total Licences	Total Revenue
	Harvesting		Licences from Sale of Licences	Harvesting <sup>1</sup>		Dealers <sup>2</sup>				
	Licences	Revenue from Sale of Licences		Licences	Revenue from Sale of Licences					
	\$	\$		\$	\$			\$		\$
1950	1,856	-	866	-	-	-	-	-	2,722	-
1951	1,911	-	983	-	-	-	-	-	2,894	-
1952	2,010	-	1,105	-	-	-	-	-	3,115	-
1953	1,961	-	1,137	-	-	-	-	-	3,098	-
1954	1,952	-	1,248	-	-	-	-	-	3,200	-
1955	1,973	-	1,374	-	32	-	-	320	3,379	-
1956	1,825	-	1,457	-	188	-	-	1,880	3,470	-
1957	1,816	-	1,612	-	256	42	42	2,770	3,726	-
1958	1,899	-	1,756	-	324	50	50	3,490	4,029	-
1959	1,883	-	1,841	-	387	59	59	4,165	4,170	-
1960	1,828	-	1,853	-	419	76	76	4,950	4,176	-
1961	1,784	-	2,181	-	510	88	88	5,540	4,563	-
1962	1,780	-	2,133	-	557	84	84	5,990	4,554	-
1963	1,862	-	2,125	-	591	101	101	6,415	4,679	-
1964	1,900	-	2,114	-	651	121	121	7,115	4,786	-
1965	1,881	-	2,028	-	613	125	125	6,755	4,647	-
1966	1,882	-	1,977	-	1,396	121	121	14,565	5,316	-
1967	1,747	-	1,807	-	1,729	124	124	17,910	5,407	-
1968	1,689	-	1,859	-	1,805	116	116	19,240	5,472	-
1969	1,609	-	1,908	-	1,861	126	126	19,870	5,504	-
1970	1,560	-	1,993	-	1,895	129	129	20,240	5,577	-
1971	1,267	53,567	1,607	30,509	1,813	126	126	18,760	4,813	102,836
1972	1,204	51,133	1,612	31,672	1,876	120	120	19,360	4,812	102,165
1973	1,149	52,941	1,611	32,887	1,868	111	111	19,235	4,739	105,063
1974	1,116	50,995	1,623	33,687	1,832	110	110	18,870	4,681	103,552

1) Licences to catch bait fish.

2) Licences to buy and sell bait fish.

3) Licences to allow the preserving of bait fish.

Source: Ministry of Natural Resources, Commercial Fish and Fur Branch.

Table 16.6  
EMPLOYMENT AND INVESTMENT IN COMMERCIAL FISHERY, ONTARIO, 1963 - 1974

Men	Boats 40' and over	Boats Under 40'	Gill Nets '000's yds.	Pound Nets	Trap Nets	Hoop Nets	Seine Nets '00's and yds. Houses	Freez- ers and Ice Piers	Net Sheds	New Invest- ment	Total Value		
											----- \$'000's-----		
1963	3,271	224	1,718	9,200	745	694	1,943	158	511	439	747	96	10,360
1964	2,952	229	1,587	9,110	873	512	1,889	157	549	493	731	89	10,220
1965	2,544	223	1,660	9,256	866	521	2,002	168	492	459	681	104	10,076
1966	2,445	229	1,419	9,489	764	493	1,820	191	465	431	663	751	11,078
1967	2,197	220	1,406	9,810	715	565	2,146	169	434	429	650	898	11,456
1968	2,044	217	1,313	8,888	734	552	1,915	226	430	403	651	770	11,594
1969	1,959	207	1,190	8,419	790	479	1,740	172	402	382	628	810	11,584
1970	1,836	222	1,078	8,823	727	469	1,484	110	418	384	610	774	11,952
1971	1,999	231	907	9,247	118	400	1,461	84	308	350	578	1,142	12,397
1972	2,097	222	971	9,511	119	467	1,511	103	309	303	553	1,179	12,972
1973	2,215	210	994	9,372	98	451	1,478	78	310	275	564	1,235	14,131
1974	2,208	176	992	10,302	117	455	1,574	64	326	287	515	1,438	16,779

Source: Ministry of Natural Resources, Statistics.  
Ministry of Natural Resources, Commercial Fish and Fur Branch.

Table 16.7  
NUMBER OF HUNTING LICENCES SOLD BY TYPE, ONTARIO, 1953 - 1974

	Deer		Moose		Bear		Small Game		Total of Licences	
	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident
1953	92,785	8,300	5,196	637	..	2,490	256,341	3,810	354,322	15,237
1954	92,800	10,400	7,500	730	..	1,520	284,000	5,300	384,300	17,950
1955	105,150	8,050	9,000	990	..	1,750	318,000	6,010	432,150	16,800
1956	98,079	7,426	13,441	1,521	..	2,031	316,778	5,905	428,298	16,883
1957	106,620	6,743	17,367	1,890	..	2,703	341,838	6,092	465,825	17,428
1958	109,322	6,044	22,688	2,362	..	4,803	377,589	5,503	509,599	18,712
1959	102,960	5,988	26,349	3,431	..	4,089	378,666	6,243	507,975	19,751
1960	114,400	6,004	31,948	4,212	..	3,828	383,205	7,286	529,553	21,330
1961	106,160	5,788	38,977	5,775	..	3,607	377,047	7,103	522,184	22,273
1962	121,735	5,913	39,470	6,675	307	1,922	383,150	7,538	544,662	23,912
1963	114,510	6,351	43,144	7,261	354	2,038	416,019	7,685	574,027	23,335
1964	124,182	6,562	40,188	7,639	414	2,208	399,521	7,998	564,305	24,407
1965	130,636	7,242	60,281	10,057	583	2,697	424,806	9,551	616,306	29,547
1966	137,429	8,858	48,498	12,698	813	3,960	435,202	12,248	621,942	37,764
1967	139,253	9,001	51,602	12,875	964	4,924	440,378	12,487	632,197	39,287
1968	102,579	7,672	51,795	14,923	1,142	8,394	384,867	13,281	584,383	44,270
1969	97,659	6,572	49,867	15,103	1,359	9,448	360,192	12,900	509,077	44,023
1970	88,020	5,500	56,198	10,037	1,517	14,585 <sup>1</sup>	361,997	7,500	507,732	37,622
1971	84,655	5,750	57,477	11,130	1,372	14,585	369,192	7,700	512,696	39,165
1972	87,767	5,921	65,787	12,755	1,121	9,299	361,530	8,717	516,205	36,692
1973	88,448	5,590	80,320	17,071	1,343	9,405	376,406	8,341	546,517	40,407
1974	89,149	4,907	83,921	15,614	1,443	8,484	369,624	7,939	544,137	36,944

<sup>1</sup> Includes spring and fall hunting.

Source: Ministry of Natural Resources, Statistics, 1974.

Ministry of Natural Resources.

Table 16.8  
HUNTING HARVEST BY TYPE, ONTARIO, 1969 - 1973

	Moose Harvest			Deer Harvest			Bear Harvest		
	Resident Hunters	Residential Total	Non-Hunters	Resident Hunters	Residential Total	Non-Hunters	Resident Hunters	Residential Total	Non-Hunters
1969	8,520	12,350	3,830	16,640	18,110	1,470	..	..	..
1970	9,400	12,470	3,070	15,430	16,310	880	..	..	..
1971	9,060	12,780	3,720	17,980	19,430	1,450	..	..	..
1972	10,320	13,790	3,470	16,070	17,700 <sup>1</sup>	1,630 <sup>1</sup>	6,330	2,620	8,950
1973	9,770	13,570	3,800	15,140	16,670 <sup>1</sup>	1,530 <sup>1</sup>	..	..	..

1) Includes deer harvested on moose licences.

Source: Ministry of Natural Resources, Statistics 1974.

Table 16.9  
 PELT VALUE, ONTARIO, 1974

	Average Pelt Value	Quantity	Value
	\$		\$
Beaver	22.20	175,099	3,887,197.80
Mink	12.69	17,975	228,102.75
Marten	13.21	27,150	358,651.50
Otter	43.30	8,122	351,682.60
Fisher	57.19	3,992	228,302.48
Lynx	96.25	3,698	355,932.50
Bobcat	56.78	52	2,952.56
Muskrat	2.88	513,279	1,478,243.52
Raccoon	15.28	40,641	620,994.48
Squirrel	.55	5,846	3,215.30
Weasel	.51	4,924	2,511.24
Coloured Fox	40.52	13,409	543,332.68
Arctic Fox	40.88	58	2,371.04
Timber Wolf	28.84	1,248	35,992.32
Black Bear	53.16	375	19,935.00
Wolverine	89.51	1	89.51
Skunk <sup>1</sup>	...	57	...
Gray Fox <sup>1</sup>	...	...	...
Polar Bear	427.85	18	7,701.30
Total		815,944	8,127,208.58

1) No sales in 1974.

Source: Ministry of Natural Resources,  
 Commercial Fish and Fur Branch.

Table 16.10  
 PELTS, EXPORTED OR TANNED, ONTARIO, 1973 - 1974

	1973 <sup>1</sup>			1974 <sup>1</sup>		
	Quantity	Royalty	Value	Quantity	Royalty	Value
		\$	\$		\$	\$
Beaver	202,123	202,123.00	4,347,665	158,354	158,354.00	2,679,394
Fisher	5,657	5,657.00	151,664	3,320	3,320.00	85,124
White Fox	44	33.00	1,385	75	56.25	2,462
Lynx	5,585	838.00	451,379	3,386	507.90	303,347
Marten	37,278	18,639.00	430,933	25,468	12,734.00	276,073
Mink	21,804	21,804.00	255,542	18,259	18,259.00	111,745
Muskrat	427,084	21,354.20	1,187,293	488,877	24,443.85	1,354,189
Otter	10,017	12,521.25	471,199	7,702	9,627.50	214,346
Weasel	5,884	294.20	2,647	4,582	229.10	2,199
Wolverine	2	.80	165	1	.40	85
Total	715,478	283,264.45	7,299,878	710,024	227,532.00	5,028,967

1) Year ending June 30.

Source: Ministry of Natural Resources, Commercial Fish and Fur Branch.

Table 16.11

## PRODUCTION OF FOX AND MINK PELTS, ONTARIO, 1950-1973

	Fur Farms	Mink		Fox	
		Pelts Produced	Value	Pelts Produced	Value
			dollars		dollars
1950	1,063	134,093	2,290,308	14,292	169,695
1951	914	145,999	3,145,345	8,528	131,512
1952	769	153,256	2,454,595	4,365	34,170
1953	631	138,776	2,398,994	1,736	13,847
1954	549	154,126	3,047,159	1,349	14,995
1955	529	176,245	3,537,237	1,491	15,047
1956	542	242,504	3,729,711	795	5,696
1957	514	241,847	3,976,704	457	3,196
1958	507	263,644	4,612,936	337	4,250
1959	495	284,740	5,115,685	398	4,919
1960	495	348,480	4,999,579	838	8,380
1961	508	388,981	5,689,643	746	7,460
1962	500	384,473	5,733,213	603	6,030
1963	505	432,666	6,836,316	413	6,232
1964	498	407,085	5,991,945	435	18,867
1965	493	479,760	7,948,552	407	21,656
1966	491	566,262	6,839,569	539	20,132
1967	477	631,386	7,099,763	690	23,653
1968	417	568,089	7,673,593	674	24,493
1969	385	585,436	6,067,073	600	20,202
1970	352	534,867	5,105,431	547	17,061
1971	290	438,650	5,557,695	583	22,801
1972	253	414,139	6,763,163	642	42,757
1973	235	431,572	7,738,256	679	66,806

Source: Ministry of Agriculture and Food,  
Veterinary Services Branch.

Table 16.12

LICENCED FUR FARMS, BY COUNTY, ONTARIO, 1962 - 1974

	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
Ontario	500	505	498	493	491	477	417	385	352	290	253	235	212
Algoma	1	1	1	3	3	3	2	-	-	-	-	-	-
Brant	12	11	11	9	9	8	8	8	8	7	6	5	4
Bruce	22	23	23	23	24	25	21	19	17	13	11	8	7
Cochrane		1	1	1	1	1	1	1	1	-	-	-	-
Dufferin	5	5	6	7	7	6	4	5	5	3	2	2	2
Dundas	-	-	-	-	1	1	-	-	-	-	-	-	-
Durham	9	10	10	14	17	15	15	13	14	12	11	10	12
Elgin	6	4	3	3	3	4	4	4	4	2	1	1	1
Essex	11	11	12	12	12	11	12	12	11	11	9	9	7
Frontenac	3	3	-	2	2	-	2	2	2	2	2	2	2
Glengarry	-	-	-	-	-	-	1	1	1	-	-	-	-
Grenville	3	4	4	2	1	1	1	-	-	1	1	-	-
Grey	27	23	21	24	20	19	18	19	17	11	10	9	8
Haldimand	9	9	10	11	12	13	10	11	10	8	9	10	9
Haliburton	1	1	2	2	1	1	-	-	-	1	-	-	-
Halton	24	28	25	28	25	24	18	17	14	9	7	6	5
Hastings	1	1	1	1	-	-	1	2	2	1	1	-	-
Huron	12	10	10	10	11	11	9	7	7	8	8	8	6
Kenora	5	4	2	2	2	2	1	1	1	1	1	0	0
Kent	15	13	13	14	13	10	8	8	8	6	6	5	5
Lambton	3	2	3	4	3	2	1	2	3	1	-	-	-
Lanark	5	5	3	2	3	3	3	4	2	1	1	1	1
Leeds	3	3	3	2	2	2	2	2	1	1	1	1	1
Lennox-Addington	-	-	-	-	-	-	-	-	-	-	-	-	-
Manitoulin	5	5	5	5	4	4	4	4	4	1	1	1	1
Middlesex	20	21	22	21	22	21	16	13	10	7	7	7	4
Muskoka	2	2	2	2	2	1	-	-	-	-	-	-	-
Niagara	39	40	41	45	41	39	37	34	32	28	24	23	20
Nipissing	3	4	6	3	5	3	3	2	3	2	2	2	2



1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974

Norfolk	12	13	12	13	12	10	10	11	10	9	8	7
Northumberland	1	1	1	1	1	1	1	1	1	1	0	0
Ontario	13	16	20	17	15	18	16	15	11	9	8	6
Ottawa-Carleton	-	-	-	-	1	-	-	-	-	-	1	1
Oxford	16	17	17	13	13	13	11	10	9	7	7	6
Parry Sound	4	5	5	6	6	7	5	4	2	1	1	0
Peel	7	7	9	9	10	9	4	4	2	2	1	1
Perth	43	41	38	38	43	42	37	35	31	26	28	27
Peterborough	1	1	1	1	1	2	2	3	-	-	-	-
Prescott	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward	-	-	-	-	-	-	-	-	-	-	-	-
Rainy River	3	3	1	1	1	1	1	1	-	-	-	-
Renfrew	-	-	-	-	1	-	-	1	-	-	-	-
Russell	-	-	-	-	-	-	-	-	-	-	-	-
Simcoe	26	30	30	22	23	23	22	19	16	14	14	12
Stormont	-	-	-	-	-	-	-	-	-	-	-	-
Sudbury	2	2	3	2	2	2	2	1	1	-	-	-
Thunder Bay	12	8	9	8	9	8	7	5	2	2	2	2
Timiskaming	-	-	-	-	-	-	-	-	-	-	-	-
Toronto <sup>2</sup>	..	..	..	..	..	..	..	..	..	..	..	..
Victoria	4	4	4	4	4	3	3	3	3	3	3	3
Waterloo	21	22	21	21	21	22	17	15	10	10	8	7
Wellington	39	39	40	43	45	48	47	46	38	36	34	33
Wentworth	24	26	19	16	13	14	11	8	9	7	6	5
York	26	26	25	26	24	22	19	12	7	4	4	5

1) Niagara includes Lincoln and Welland.

2) Toronto included in York.

Source: Ministry of Agriculture and Food, Veterinary Services Branch.



Section 17

## FORESTRY AND MINING



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## HIGHLIGHTS

### Forestry

Ontario primary forest production represented 15 per cent of the national total of 3 billion cubic feet in 1961; however, by 1973, Ontario's share of the national total had diminished to 12 per cent. In 1973 Ontario supplied 91,390 million cubic feet of merchantable softwoods, 17 per cent of the Canadian total. Of the 139,426 million cubic feet of hardwoods produced in Canada, Ontario accounted for about 42 per cent.

Ontario employed 17,537 or 29.1 per cent of all people in the pulp and paper mill industry in Canada in 1961. Preliminary data indicate that this proportion fell to 28.0 per cent in 1973. In 1972 Ontario had 267 sawmills and planing mills, accounting for 17 per cent of all such establishments in the country; and employed 9 per cent of the workforce employed by this industry throughout Canada.

Paper production in Ontario rose by 43 per cent to 3.6 million tons from 1961 to 1973. In 1973 newsprint accounted for 54 per cent of the total Ontario production of paper, followed by paper board with 22.2 per cent, printing and writing paper with 16.1 per cent, and wrapping paper with 2.6 per cent.

The depletion of forest resources in Ontario continued throughout 1968 to 1972, from 591 million cubic feet of merchantable timber to 676 million cubic feet. However, in 1973 it was reduced to 651 million cubic feet.

### Mining

The value of mineral production has risen steadily over the 1960 to 1974 period. From 1970 to 1974 it jumped about 52 per cent to \$2,422.3 million. Nickel and copper recorded the highest output values of all minerals mined in 1974 in Ontario. Nickel had a 1973 value of \$574.8 million, and copper had a 1973 value of \$365.3 million. Preliminary data for 1974 show values of \$761.6 million and \$639.5 million, respectively.

In 1974 the production of metallics was the highest of any mineral accounting for \$2,067.6 million of the total production of \$2,422.3 million, 85 per cent of total mineral value.

The value of non-metallic minerals in Ontario has increased from \$57.2 million in 1973 to \$61.0 million in 1974. However, Ontario's percentage of the Canadian total has fallen from 9 per cent in 1973 to 7 per cent in 1974.

Of the total value of structural materials produced in Canada in 1974, \$709.4 million, Ontario accounted for 40 per cent. Within Ontario in 1974, cement had the highest value, \$90.5 million, representing 32 per cent of the total value.

## DEFINITIONS

### *Forest Land*

The 1973 National Forest Inventory reported an area of 1,259,192 sq. miles of forest land. Of this, 59,742 sq. miles are reserved by legislation for primary uses other than timber production.

On the basis of present inventories it is estimated that the balance is comprised of 607,081 square miles of primary forest land, 76,637 square miles of secondary forest land and 515,732 square miles of tertiary forest land. Primary forest land is normally located within 50 miles of a designated or existing major wood conversion centre. Secondary forest land is located beyond 50 miles but less than 75 miles and tertiary forest land is more than 75 miles from a wood-using centre.

### *The Logging Industry*

The Logging Industry includes establishments primarily engaged in felling and bucking, bunching, yarding, forwarding, decking and loading of roundwood and establishments primarily engaged in the recovery of lost logs including sinkers. Establishments primarily engaged in transporting wood with specialized logging trucks and in driving, booming, sorting, rafting and towing of wood - if not licensed as public carriers - are included also, as are barking mills, engaged in producing barked or rossed pulpwood.

### *Establishment*

Smallest operating unit of reporting certain specified input and output data. The number of establishments represents the number of operating units that are principally engaged in logging activities. These units do not represent the total number engaged in logging operations. Numerous logging operations are conducted by establishments classified to other industries, (e.g. the sawmill industry) and by farmers and other individuals.

### *Employees*

#### Production and related workers - Logging activity

In addition to those engaged in production, they include employees engaged in maintenance, repair, janitorial, cooking and watchman services and working foremen engaged in similar work to that of the employees they supervise. The average number of production and related workers engaged in logging is calculated by dividing the reported number of man-days paid during the year by 240 in British Columbia and 270 in the other provinces. The number of man-hours paid is calculated on the basis of 8 hours per day in British Columbia and 9 hours per day in other provinces. It should be noted that the division of hours paid into production and related workers payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.



### *Materials and Supplies - Logging activity*

Figures represent quantities and laid down cost values, at the establishment, of materials and supplies purchased during the year for use in logging activities and related processes. This includes purchases of food, van supplies, etc., as well as payments for stumpage and royalties. These statistics represent only commodity items or physical goods (cost of services or overhead charges such as advertising, insurance, depreciation, etc., are not included) whether purchased from others or received as transfers from other establishments of the reporting company. Included are maintenance and repair supplies not chargeable to fixed assets accounts and any amounts paid to others for logging work done on a contract basis. Cost of repairs or maintenance done by outside contractors are not included.

### *Value of Shipments*

These figures represent deliveries of wood produced either by the reporting establishment or by contractors on the basis of a charge to the reporting establishment for work done as well as wood purchased from various sources. Included are revenue from repair work and amounts received in payment for work done on materials owned by other establishments.

All products shipped from the establishment are covered, including transfer shipments to other logging establishments or to log supply divisions, sawmills, shingle mills, veneer and plywood mills, pulp and paper mills, etc., of the reporting firm, when such units are treated as separate establishments. The value of shipments are net of allowances, sales tax, excise taxes and duties, and charges for outward transportation by common or contract carriers. Transportation or delivery expense incurred by the reporting establishment's own carriers are included.

### *Value Added*

#### (a) By logging activities

Figures are compiled by deducting the cost of the purchases of logging materials, supplies, etc. and fuel and electricity from the value of shipments (adjusted for changes in the value of inventories).

#### (b) By total activities

Consists of (1) value added, logging activity and (2) value added, non-logging activity. The latter is calculated by subtracting relevant commodity inputs from non-logging revenues or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Non-logging revenues include depreciable fixed assets produced by own work force for own use, revenue from sale of purchased wood residue (wood chips, etc.) but exclude non-operating revenue such as real property rentals, dividends, interest.

*Logs and Bolts*

The category Logs and Bolts includes considerable quantities of logs which will be used as pulpwood and as a consequence the category pulpwood appears to be smaller than it ought to be. This is due to the fact that many integrated operations in reporting production and deliveries do not distinguish between sawlogs, veneer logs and pulpwood. While this is most prevalent in British Columbia a similar practice is developing in some of the other provinces.

Table 17.1

ESTIMATES OF PRIMARY FOREST PRODUCTION,  
CANADA, ONTARIO, QUEBEC, AND BRITISH COLUMBIA, 1950-1973

	Canada	Ontario	Quebec	British Columbia <sup>1</sup>	
				Coast	Interior
Thousands of cubic feet					
1950	3,023,465	516,316	978,406	832,535	
1951	3,436,463	600,396	1,141,649	862,195	
1952	3,205,383	564,349	994,917	910,058	
1953	3,078,066	504,180	941,450	965,368	
1954	3,122,313	497,261	1,004,188	996,064	
1955	3,280,070	542,031	984,111	1,080,758	
1956	3,463,304	547,354	1,074,032	1,109,919	
1957	3,172,166	565,010	905,446	1,042,561	
1958	2,854,670	483,544	816,797	998,827	
1959	3,186,387	531,528	877,158	1,173,965	
1960	3,293,311	541,329	879,914	1,199,843	
1961	3,175,302	494,048	914,096	1,167,051	
1962	3,277,906	519,414	876,043	1,342,936	
1963	3,523,010	535,077	913,542	814,590	658,833
1964	3,626,985	569,767	933,096	828,463	686,132
1965	3,660,669	567,131	935,709	858,318	674,795
1966	3,849,019	600,922	994,015	909,794	692,643
1967	3,798,446	607,085	999,655	900,026	672,573
1968	3,972,631	590,964	985,445	984,822	717,633
1969	4,303,816	621,645	1,060,070	994,412	895,640
1970	4,287,890	593,315	1,020,550	1,018,209	914,419
1971	4,227,203	559,340	938,690	1,002,897	994,185
1972	4,383,640	613,100	982,710	872,450	1,121,108
1973	5,078,458	651,400	1,036,500	1,155,700	1,321,156

1) Figures from British Columbia Forest Service beginning with 1960.

Source: SC, Canadian Forestry Statistics.

Table 17.2

AREA OF FORESTED LAND, ONTARIO, 1974

	Productive Forest Area		
	Crown Land	Patent Land	Total
	'000's acres		
Southern Agricultural and Exploitable Forest Area	72,431	10,362	82,793
Potentially Exploitable	22,469	-	22,469
Total Productive Forest Area	94,900	10,362	105,262

Source: Ministry of Natural Resources,  
SC, Canadian Forestry Statistics.

Table 17.3  
 MERCHANTABLE TIMBER, CANADA AND ONTARIO,<sup>1</sup> 1973

	Canada <sup>2</sup>	Ontario
millions of cubic feet		
Softwoods		
Spruce	220,097	52,170
Balsam Fir	98,494	9,428
Douglas Fir	17,865	...
Hemlock	63,756	1,410
White Pine	6,827	3,905
Red Pine	1,432	1,126
Jack and Lodgepole Pines	82,243	20,126
Ponderosa Pin	277	...
Cedar	35,919	3,022
Yellow Cypress	5,198	...
Other softwoods	1,626	203
Total	533,734	91,390
Hardwoods		
Poplar	66,368	28,090
White Birch	32,981	16,222
Yellow Birch	12,896	4,186
Maple	18,322	7,274
Beech	3,182	630
Elm	98	...
Ash	998	620
Basswood	738	382
Oak	608	531
Other hardwoods	3,235	334
Total	139,426	58,269
All species - Total	673,160	149,659

1) Inventoried non-reserved forest land only, all maturity classes.

2) Excludes 5,900 and 3,500 million cubic feet of timber in the Yukon and Northwest Territories respectively for which no species breakdown is available.

Source: SC, Canadian Forestry Statistics.

Table 17.4

PRINCIPAL MANUFACTURING STATISTICS FOR PULP AND PAPER MILLS, CANADA AND ONTARIO, 1968 - 1973

	1968		1969		1970	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	137	36	138	36	139	36
MANUFACTURING ACTIVITY						
Production and related workers						
Number	60,296	17,537	62,307	17,936	62,025	17,832
Manhours paid ('000's)	131,653	37,917	137,415	39,532	134,291	38,512
Wages (\$'000's)	437,135	122,999	488,854	135,828	511,654	143,157
Cost of fuel and electricity (\$'000's)	181,194	44,270	198,541	48,812	204,359	53,295
Cost of materials and supplies (\$'000's)	1,183,007	306,563	1,314,262	329,669	1,334,375	341,995
Value of shipments of goods of own manufacture (\$'000's)	2,446,874	649,532	2,771,276	715,966	2,850,836	732,424
Value added (\$'000's)	1,080,941	299,490	1,259,411	340,195	1,323,278	342,949
TOTAL ACTIVITY						
Total Employees						
Number	74,498	21,117	75,427	21,503	80,371	22,201
Salaries and wages (\$'000's)	552,162	154,497	611,591	168,770	701,395	188,189
Value added (\$'000's)	1,089,986	303,195	1,268,022	343,333	1,331,067	346,406

Table 17.4 (cont'd)

	1971		1972		1973 <sup>a</sup>	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	142	37	141	37	146	37
MANUFACTURING ACTIVITY						
Production and related workers						
Number	61,426	17,132	61,196	16,970	61,783	17,326
Manhours paid ('000's)	130,766	35,946	131,426	36,224	131,688	36,562
Wages (\$'000's)	546,239	144,593	594,291	157,759	645,084	174,969
Cost of fuel and electricity (\$'000's)	232,985	58,158	244,370	61,944	270,637	67,593
Cost of materials and supplies (\$'000's)	1,363,567	339,829	1,483,871	358,824	1,700,933	406,916
Value of shipments of goods of own manufacture (\$'000's)	2,832,267	728,289	3,127,821	778,067	3,790,925	932,061
Value added (\$'000's)	1,272,551	330,373	1,374,129	355,675	1,803,874	450,338
TOTAL ACTIVITY						
Total Employees						
Number	79,397	21,305	78,969	21,044	80,085	21,271
Salaries and wages (\$'000's)	745,608	190,348	808,869	206,929	884,212	227,160
Value added (\$'000's)	1,276,837	331,835	1,380,052	356,799	1,812,555	451,839

Source: SC, Canadian Forestry Statistics.

Table 17.5  
PRINCIPAL MANUFACTURING STATISTICS FOR SAWMILLS AND PLANING MILLS (EXCLUDING SHINGLE MILLS),  
CANADA AND ONTARIO, 1971 - 1972

	1971		1972	
	Canada	Ontario	Canada	Ontario
Establishments	1,631	273	1,567	267
MANUFACTURING ACTIVITY				
Production and related workers				
Number	44,107	4,428	49,387	4,778
Manhours paid ('000's)	93,150	9,640	102,814	10,213
Wages (\$'000's)	304,528	26,108	370,195	29,980
Cost of fuel and electricity (\$'000's)	28,369	2,888	35,400	3,455
Cost of materials and supplies (\$'000's)	788,768	54,754	1,004,018	61,634
Value of shipments of goods of own manufacture (\$'000's)	1,395,507	115,752	1,893,573	144,976
Value added (\$'000's)	571,594	54,717	864,865	77,624
TOTAL ACTIVITY				
Working owners and partners				
Number	733	168	741	167
Withdrawals ('000's)	2,632	848	2,642	602
Employees				
Number	50,963	5,204	57,111	5,595
Salaries and wages (\$'000's)	366,440	32,552	447,712	37,604
Value added (\$'000's)	574,247	55,190	869,320	77,889

Source: SC, Canadian Forestry Statistics.

Table 17.6  
SHIPMENTS OF ROUNDWOOD BY THE "LOGGING INDUSTRY", CANADA AND ONTARIO, 1968 - 1973

Product	1968		1969		1970	
	Quantity	Value	Quantity	Value	Quantity	Value
	cunits	\$'000's	cunits	\$'000's	cunits	\$'000's
CANADA						
Logs and bolts	25,293,116	778,864	25,917,040	866,484	25,249,912	802,924
Pulpwood	14,549,198	488,930	15,935,740	533,848	15,808,980	543,161
Poles and piling	101,920	9,522	82,870	8,283	88,162	9,243
Other roundwood	65,040	1,534	70,340	1,961	14,474	453
Total	40,009,274	1,278,850	42,005,989	1,410,576	41,161,528	1,355,781
ONTARIO						
Logs and bolts	1,237,748	37,660	1,064,014	33,932	953,415	30,557
Pulpwood	4,202,003	144,471	4,557,078	157,710	4,210,252	152,878
Poles and piling	16,190	991	11,590	656	12,261	703
Other roundwood	20,020	618	21,740	829	9,835	344
Total	5,475,961	183,740	5,654,421	193,127	5,185,763	184,482



Table 17.6 (cont'd)

Product	1971		1972		1973 <sup>p</sup>	
	Quantity	Value	Quantity	Value	Quantity	Value
CANADA	cunits	\$'000's	cunits	\$'000's	cunits	\$'000's
Logs and bolts	25,718,821 <sup>p</sup>	856,850	26,526,788	1,006,562	29,963,971	1,419,152
Pulpwood	14,106,370	498,599	14,610,367	528,456	15,400,561	610,976
Poles and piling	80,417	9,322	80,735	8,524	86,608	6,811
Other roundwood	18,754	731	25,998	994	18,216	709
Total	39,924,362 <sup>p</sup>	1,365,502	41,243,888	1,544,536	45,469,356	2,037,648
ONTARIO						
Logs and bolts	1,134,947	37,684	1,327,835	45,463	1,182,759	44,416
Pulpwood	3,668,139	138,912	4,190,234	158,212	4,359,503	176,580
Poles and piling	15,383	982	16,493	1,119	5,476	445
Other roundwood	9,777	324	11,178	476	7,461	271
Total	4,828,246	177,902	5,545,740	205,270	5,555,199	221,712

Source: SC, Canadian Forestry Statistics.

Table 17.7  
VOLUME OF PAPER PRODUCTION BY KIND, ONTARIO, 1950 - 1973

	Newsprint	Paper Board	Printing and Writing Paper	Wrapping Paper	Tissue Paper <sup>1</sup>	Other Paper	Total Paper Production
	'000's tons						
1950	1,240.1	417.4	137.6	62.7	27.5	18.4	1,903.7
1951	1,285.9	442.5	169.0	66.7	36.6	18.5	2,019.2
1952	1,296.8	408.0	153.2	56.5	31.5	17.4	1,963.4
1953	1,297.7	434.7	170.0	61.9	37.2	17.3	2,018.8
1954	1,345.7	420.7	177.0	68.7	39.3	15.6	2,067.0
1955	1,427.0	474.7	193.1	74.4	40.9	15.0	2,225.1
1956	1,471.8	507.6	224.4	74.4	45.5	13.8	2,337.5
1957	1,487.4	491.4	226.1	68.4	49.5	14.7	2,337.5
1958	1,465.3	515.8	233.9	71.4	53.0	15.8	2,355.2
1959	1,495.0	532.0	262.0	74.0	54.0	14.0	2,431.0
1960	1,608.0	538.0	266.0	74.0	51.0	13.0	2,550.0
1961	1,598.0	483.0	275.0	70.0	53.0	12.0	2,491.0
1962	1,602.3	524.2	292.4	72.5	50.8	15.5	2,557.8
1963	1,566.7	536.2	314.9	78.8	52.6	13.9	2,563.1
1964	1,714.2	579.2	323.0	83.7	52.6	15.8	2,768.4
1965	1,743.4	581.2	344.7	85.7	51.2	12.8	2,819.1
1966	1,848.9	541.8	430.9	86.7	53.2	18.7	2,980.2
1967	1,815.8	548.9	424.4	84.9	..	72.5	2,946.5
1968	1,759.8	555.6	447.7	92.2	..	97.9	2,953.1
1969	1,923.8	574.1	469.4	95.1	..	119.2	3,181.7
1970	1,856.6	593.2	532.6	75.6	..	120.0	3,178.0
1971	1,773.6 <sup>p</sup>	638.0	513.6	77.4	..	116.4	3,119.0
1972	1,790.5 <sup>p</sup>	687.8 <sup>p</sup>	561.7	68.2 <sup>p</sup>	..	127.1 <sup>p</sup>	3,235.3
1973 <sup>p</sup>	1,950.2	801.0	573.1	92.5	..	145.8	3,562.6

1) Incorporated in "other paper" category after 1966.

Source: SC, The Pulp and Paper Industry.

Table 17.8  
DEPLETION OF FOREST RESOURCES, ONTARIO, 1968 - 1973

	1968	1969	1970	1971	1972	1973 <sup>2</sup>
Utilization	of cubic feet of merchantable timber					
	'000's					
Logs and bolts <sup>1</sup>	181,000	176,000	182,000	190,000	215,000	224,500
Pulpwood	362,100	407,150	375,700	334,500	365,500	393,500
Other roundwood	8,584	7,415	6,975	7,340	7,100	7,200
Industrial wood - Total	551,684	590,565	564,675	531,840	587,600	625,200
Non-industrial wood <sup>2</sup>	39,280	31,080	28,640	27,500	25,500	26,200
Total	590,964	621,645	593,315	559,340	613,100	651,400
Fire losses	..	2,535	44,952	28,992	63,065	..
Depletion <sup>3</sup>						
Volume	590,964	624,180	638,267	588,332	676,165	651,400

1) Includes some pulpwood.

2) Includes fuelwood and wood for charcoal.

3) The figures for depletion do not include wastage caused by agencies other than fire, such as insects, diseases and natural mortality, for which no reliable estimates are available.

Source: SC, Canadian Forestry Statistics.

Table 17.9  
FOREST FIRES, CANADA AND ONTARIO, 1950-1973

	Canada		Ontario	
	Number of Fires	Area Burned	Number of Fires	Area Burned
		(acres)		(acres)
1950	5,436	2,969,763	985	36,780
1951	4,658	1,547,975	904	101,243
1952	4,946	1,144,004	1,095	12,421
1953	6,551	3,587,860	1,520	58,809
1954	3,064	1,395,884	881	54,693
1955	6,348	1,609,574	2,252	396,423
1956	4,639	2,108,847	1,017	226,212
1957	5,728	903,320	1,671	46,651
1958	6,814	4,931,236	1,558	36,652
1959	4,874	690,860	1,029	5,281
1960	7,346	1,593,460	956	31,386
1961	8,655	9,313,479	1,305	1,184,728
1962	6,285	863,585	1,521	13,804
1963	7,670	470,001	1,885	56,138
1964	6,944	2,993,290	1,829	28,124
1965	7,238	521,148	1,218	19,904
1966	7,468	1,144,438	1,921	14,415
1967	8,650	2,211,954	1,465	63,502
1968	7,301	2,211,605	1,219	9,461
1969	6,633	2,331,378	901	6,134
1970	9,253	2,616,366	1,239	56,160
1971	9,173	4,188,320	1,790	103,718
1972	8,227	1,927,444	1,604	79,145
1973	7,665	3,144,462	1,111	8,913

Source: Forest Fire Research Institute,  
Canadian Forestry Service.

Table 17.10  
FOREST FIRES BY CAUSE, ONTARIO, 1961-1973

	Recreation	Settle- ment	Woods Operations	Rail- roads	Other Industries	Incen- diaries	Miscella- neous Known	Unknown	Light- ning
1961	496	80	19	62	18	31	143	11	445
1962	674	113	26	76	9	40	279	9	295
1963	811	313	11	93	66	36	216	20	319
1964	601	244	19	75	56	36	198	9	591
1965	404	204	20	118	54	15	191	10	202
1966	719	224	15	117	73	18	205	12	538
1967	567	203	10	176	38	23	236	14	198
1968	356	262	18	141	44	32	270	17	79
1969	256	128	7	78	21	9	191	9	202
1970	363	150	3	125	20	21	140	14	403
1971	702	192	24	152	49	27	282	23	339
1972	346	206	13	175	35	29	252	20	528
1973	357	164	13	149	30	25	165	35	173

Source: Forest Fire Research Institute, Canadian Forestry Service.

Table 17.11  
FOREST FIRES BY SIZE CLASS, CANADA AND ONTARIO, 1950-1973

	Canada					Ontario				
	Less than $\frac{1}{4}$ acre	$\frac{1}{4}$ to 10 acres	11 to 100 acres	101 to 500 acres	Over 600 acres	Less than $\frac{1}{4}$ acre	$\frac{1}{4}$ to 10 acres	11 to 100 acres	101 to 500 acres	Over 500 acres
1950	1,726	2,110	1,288	312	260	518	198	115	21	9
1951	1,813	1,708	884	253	329	428		103	16	11
1952	1,868	1,999		192	391	581		146	33	4
1953	2,226	2,827	356	290	500	821		81	9	20
1954	1,225	1,330	94	89	354	428				9
1955	2,515	2,614	659	242	846	1,124		188	52	42
1956	2,039	1,680	452	264	395	502		66	26	28
1957	2,223	2,408	727	150	575	861		187	37	11
1958	2,875	2,568	788	359	490	861		178	20	9
1959	2,065	1,861	555	163	470	493		56	9	1
1960	3,270	2,804	674	323	416	448		59	23	10
1961	3,897	2,984	888	549	502	639		112	12	40
1962	2,866	2,584	535	117	670	744		84	17	6
1963	3,662	2,883	753	130	693	955		198	30	9
1964	2,884	2,900	711	233	845	829		122	22	11
1965	3,644	2,728	571	103	572	560		70	13	3
1966	3,673	3,032	479	117	998	834		70	14	5
1967	3,987	3,202	744	398	630	712		99	16	8
1968	3,489	2,780	620	177	481	602		118	17	1
1969	3,332	2,512	454	171	474	383		36	6	2
1970	4,695	3,438	731	204	645	508		61	11	14
1971	4,535	3,394	697	303	894	755		108	17	16
1972	3,632	3,363	722	253	703	757		97	26	21
1973	3,640	2,960	558	302	523	534		43	6	5

Source: Forest Fire Research Institute, Canadian Forestry Service.

Table 17.12  
 VALUE OF MINERAL PRODUCTION, ONTARIO, 1960 - 1974

	Total	Metallics	Non-Metallics	Fuels	Structural Materials
	\$ Million				
1960	983.1	817.8	25.3	9.7	130.3
1961	943.7	780.8	23.6	9.2	130.1
1962	913.3	729.8	27.3	9.5	146.8
1963	874.2 <sup>2</sup>	683.2	26.9	9.5	154.2
1964	904.1 <sup>2</sup>	701.3	24.5	9.8	169.1
1965	993.7 <sup>2</sup>	776.0	23.1	8.9	184.7
1966	957.9	732.4	23.7	10.2	191.6
1967	1,194.5	970.9	28.4	8.9	186.3
1968	1,355.6	1,107.7	33.4	7.6	191.7
1969	1,222.2 <sup>2</sup>	1,001.0	35.7	7.4	179.3
1970	1,593.0 <sup>2</sup>	1,354.4	40.1	9.3	186.4
1971	1,554.8 <sup>2</sup>	1,290.6	43.9	9.1	210.6
1972	1,532.4 <sup>2</sup>	1,251.5	44.2	7.3	229.5 <sup>2</sup>
1973	1,852.9 <sup>2</sup>	1,521.8	57.2	6.5	267.3
1974 <sup>p</sup>	2,422.3	2,067.6	61.0	7.8	285.9

Source: Ministry of Treasury, Economics and  
 Intergovernmental Affairs.

Table 17.13  
PRODUCTION VALUE<sup>1</sup> AND QUANTITY<sup>2</sup> OF SELECTED METALLIC MINERALS, ONTARIO, 1960 - 1974

	Silver		Uranium		Nickel		Copper		Iron Ore		Gold	
	Quantity (ounces)	Value (lbs.)	Quantity (lbs.)	Value (lbs.)	Quantity (lbs.)	Value (lbs.)	Quantity (lbs.)	Value (lbs.)	Quantity (tons)	Value (tons)	Quantity (ounces)	Value (ounces)
1960	11.2	10.0	19.8	212.0	403.3	277.9	412.5	123.8	5.3	48.4	2.7	92.8
1961	8.9	8.4	15.0	151.1	392.4	295.4	423.3	122.4	5.7	62.4	2.6	93.5
1962	9.4	10.9	12.8	118.3	331.2	274.2	378.0	116.3	6.4	64.5	2.4	90.6
1963	9.6	13.3	12.8	103.0	298.2	246.3	357.9	112.0	6.7	70.0	2.3	88.3
1964	9.9	13.9	11.8	63.6	324.2	267.8	395.8	131.5	8.0	85.6	2.2	81.4
1965	10.8	15.2	6.8	47.2	382.6	316.3	432.5	161.7	8.5	94.2	1.9	73.4
1966	10.9	15.2	5.9	42.8	320.4	269.5	406.0	181.4	8.1	91.7	1.7	62.6
1967	14.3	24.8	5.5	41.4	380.1	352.2	552.3	261.8	8.6	99.9	1.5	56.5
1968	21.8	50.5	5.4	28.5	407.5	403.6	581.2	278.3	10.9	127.9	1.4	52.0
1969	22.3	43.0	..	40.3	293.6	329.1	477.6	244.3	10.5	128.2	1.2	46.3
1970	19.9	36.8	6.7	40.6	448.5	608.4	590.2	340.8	11.8	144.8	1.2	42.5
1971	18.7	29.1	7.0	44.8	431.5	584.0	604.7	317.5	11.2	136.2	1.1	40.1
1972	19.6	32.7	8.4	..	478.9	519.9	579.4	293.5	11.8	139.5	1.0	58.7
1973	19.6	49.6	8.1	..	493.3	574.8	574.6	365.3	12.4	152.5	0.9	89.8
1974 <sup>p</sup>	17.7	81.6	8.3	..	468.9	761.6	639.5	498.2	11.8	172.2	0.8	124.4

1) Values in millions of dollars.

2) Quantities in millions of units.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs.



Table 17.14

PRODUCTION VALUE AND QUANTITY<sup>1</sup> OF NON-METALLIC MINERALS, CANADA AND ONTARIO, 1973 - 1974

	Canada				Ontario			
	1973		1974		1973		1974	
	Quantity '000's	Value \$'000's	Quantity '000's	Value \$'000's	Quantity '000's	Value \$'000's	Quantity '000's	Value \$'000's
Asbestos	1,863.0	234,322.9	1,824.0	310,680.0	35.9	3,888.1	17.0	1,771.0
Barite	101.6	1,052.3	..	1,300.0	-	-	-	-
Fluorspar	..	4,620.4	..	8,170.0	-	-	-	-
Gemstone	154.3	306.8	..	310.0	-	-	-	-
Gypsum	8,389.2	21,066.8	8,235.0	22,170.0	754.3	2,393.6	825.0	2,760.0
Magnesitic Dolomite and Brucite	..	2,656.0	..	3,000.0	-	-	-	-
Nepheline Syenite	569.4	7,860.3	607.0	8,510.0	569.4	7,860.3	607.0	8,510.0
Peat Moss	358.8	15,376.5	391.0	15,358.0	8.9	547.8	9.0	550.0
Potash (K <sub>2</sub> O)	4,909.4	176,875.8	6,072.0	303,490.0	-	-	-	-
Pyrite, Pyrrhotite	25.7	173.0	49.0	376.0	-	-	-	-
Quartz	2,765.9	11,051.2	2,686.0	11,956.0	1,181.3	3,360.6	1,250.0	4,000.0
Salt	5,564.6	49,631.0	5,704.0	56,225.0	4,161.4	33,166.2	4,225.0	35,900.0
Soapstone, Talc, Pyrophyllite	81.5	1,778.0	93.0	2,207.0	..	550.8	..	720.0
Sodium Sulphate	543.4	7,165.2	604.0	13,187.0	-	-	-	-
Sulphur, in smelter gas	756.6	10,069.7	797.0	12,676.0	398.5	5,303.7	427.0	6,785.0
Sulphur, elemental	4,593.9	23,816.1	5,253.0	66,242.0	6.7	133.5	-	2.0
Titanium Dioxide, etc.	..	46,619.5	..	51,396.0	-	-	-	-
Total Value Non- Metallics	...	614,441.5	...	887,253.0	...	57,204.6	...	60,998.0

<sup>1</sup>) In tons.

Source: Ministry of Natural Resources, Ontario Mineral Review.

Table 17.15  
PRODUCTION VALUE AND QUANTITY OF FUELS AND STRUCTURAL MATERIALS, CANADA AND ONTARIO, 1973 - 1974

	Canada				Ontario			
	1973		1974		1973		1974	
	Quantity '000's	Value \$'000's	Quantity '000's	Value \$'000's	Quantity '000's	Value \$'000's	Quantity '000's	Value \$'000's
FUELS								
Coal <sup>1</sup>	22,567.3	179,731.4	23,600.0	268,000.0	-	-	-	-
Natural Gas <sup>2</sup>	3,119,460.8	451,853.2	3,083,378.0	686,614.0	9,528.1	3,677.8	6,952.0	3,128.0
Natural Gas by-products <sup>3</sup>	116,250.6	348,865.2	113,055.0	629,009.0	-	-	-	-
Petroleum, crude <sup>3</sup>	655,853.1	2,246,691.9	616,238.0	3,585,090.0	808.6	2,865.9	743.0	4,715.0
Total Value	...	3,227,141.8	...	5,168,713.0	...	6,543.7	...	7,843.0
STRUCTURAL MATERIALS <sup>1</sup>								
Clay products	...	61,170.3	...	68,490.0	...	34,601.0	...	37,810.0
Cement	11,125.7	240,561.0	11,308.0	244,711.0	4,197.8	85,634.2	4,438.0	90,535.0
Lime	1,890.6	30,339.6	2,088.0	33,447.0	1,236.4	19,782.1	1,354.0	21,665.0
Sand and gravel	233,461.5	213,437.3	242,200.0	230,000.0	80,567.6	74,408.4	84,500.0	80,100.0
Stone	91,894.0	127,578.6	94,800.0	132,800.0	35,539.3	52,869.7	38,000.0	55,800.0
Total Value	...	673,086.7	...	709,448.0	...	267,295.4	...	285,910.0
Structural Materials	...	673,086.7	...	709,448.0	...	267,295.4	...	285,910.0

1) In tons.

2) In thousands of cubic feet.

3) In barrels.

Source: Ministry of Natural Resources, Ontario Mineral Review.

Section 18

ENERGY



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## HIGHLIGHTS

### Energy Consumption

The Commercial and Industrial Use Sector has the highest energy consumption of all use sectors. In 1961 about 45 per cent of the energy consumed was in this use sector, and by 1972 the usage had jumped to 50 per cent. In the Transportation Use Sector, "Road" accounted for 84.7 per cent of the energy consumed in 1972, compared with "Rail" and "Air", which consumed 4.9 per cent and 6.3 per cent, respectively. The Domestic and Farm Use Sector energy consumption increased by 33.8 per cent from 1968 to 1972. From 1968 to 1972, the amount of energy consumed by coal products decreased by about 40.2 per cent; by natural gas, increased by about 60.2 per cent; by electricity, increased by about 29.3 per cent; and by gasoline, increased by 22.9 per cent.

For the non-durable commodities in 1972, the paper and allied industries and the chemical industries both accounted for the highest energy consumption in manufacturing. The former consumed about 33 per cent, the latter consumed about 34 per cent of the total consumption of all industrial groups, which totalled 249,434 B.T.U.  $\times 10^9$  in 1972.

### Ontario Hydro

Hydro-electric power is the largest source of energy supplied by Ontario Hydro. Its importance has dropped considerably with the introduction of alternative power sources, most notably natural gas and nuclear energy. In 1961 hydro-electric sources supplied 80.04 per cent of the energy. This figure dropped in 1971 to 48.25 per cent and finally in 1974 to 42.38 per cent. Natural gas and nuclear energy have risen from nil in 1961 to 5.51 per cent for the former and 15.20 per cent for the latter by 1974.

Primary energy demand, in terms of billions of kilowatt-hours (BKWH), rose from an annual rate of 15.58 BKWH in 1950 to 33.86 BKWH by 1961 and more than doubled again to 82.70 BKWH by 1974.

The number of ultimate customers served by Ontario Hydro between 1961 and 1974 increased by 653,936, or 33 per cent. Of the electric energy distributed to residential and general services, the 1973 to 1974 percentage change for both services have increased 6.5 and 4.9, respectively. This percentage increase is greater than the 1972-73 change for residential, which was only 5.2 per cent. For general services, on the other hand, the percentage change has fallen from the 1972-73 high of 7.9 per cent.

Installed generating capacity increased steadily through the 1970-1973 period. For both the electrical utilities and industrial establishments total capacity in 1970 was 13,700,161 kw. By 1973 the capacity had increased by 30 per cent from 1970. In 1973, private and publicly-operated electrical utilities generated 17,014,964 kw. This figure is 21 times that generated by industrial establishments.

## DEFINITIONS

### BTU's

The following natural units and their equivalent BTU (British Thermal Unit) conversion factors have been used throughout the analysis. In the case of natural gas, the BTU content of this fuel has been steadily declining throughout the period under review, and consequently, a varying conversion factor has been used.

<u>Fuel Type</u>	<u>Natural Unit</u>	<u>Conversion Factor</u> BTU's x 1,000,000
<u>Coal</u>		
Anthracite	short tons of 2,000 lbs.	25.4000
Imported Bituminous	" " " " "	25.8000
Canadian Bituminous	" " " " "	25.2000
Sub-Bituminous	" " " " "	17.0000
Lignite	" " " " "	13.2000
Coke	" " " " "	24.8000
Coke Oven Gas	'000 cubic feet	0.5000
Liquefied Petroleum Gas	barrels of 35 Canadian gallons	4.0950
Crude Oil	" " " " "	5.8030 <sup>1</sup>
Still Gas	" " " " "	6.2874
Motor Gasoline	" " " " "	5.2220
Kerosene	" " " " "	5.6770
Diesel	" " " " "	5.8275 <sup>2</sup>
Light Fuel Oil	" " " " "	5.8275
Heavy Fuel Oil	" " " " "	6.2874
Petroleum Coke	" " " " "	6.3852
Aviation Gasoline	" " " " "	5.0505
Aviation Turbo Fuel	" " " " "	5.4145 <sup>3</sup>
Natural Gas	'000 cubic feet	1.0700/1.0000
Electricity	'000 kwh	3.4120

It has been assumed that the BTU equivalent of "other fuels" is approximated by pro-rating on the basis of average cost per heat unit, thus:

$$b_o = \frac{(B) \cdot c_o}{(C_T - c_o)}$$

- 1) Still gas is expressed in barrels of Heavy Fuel Oil equivalent.
- 2) In calculating BTU's consumed by manufacturing industries (item 2) it has been assumed that light fuel oil and heavy fuel oil are used in the ratio of 1:1.5.
- 3) In the case of natural gas the BTU content of the fuel has declined since 1958; consequently, a variable conversion factor has been used in the first set of tables. In the tables covering energy consumption in manufacturing, the lowest value for the conversion factor is used.



where

$b_o$  = the estimated BTU for "other fuel"

$c_o$  = the cost of "other fuel"

$B$  = the sum of the BTU's for all fuel and electricity except "other fuel"

$C_T$  = the total cost of Fuel and Electricity

for each major group by year for Ontario.

### *Conversion*

The term "conversion" is here used to describe the process of changing primary fuel i.e. naturally occurring fuel e.g. coal, crude oil, and for the purposes of this study, hydro and nuclear generated electricity, into secondary fuel i.e. that resulting from the processing of other fuels e.g. coke from coal or motor gasoline from crude oil. "Transformation" refers to the process of changing secondary fuels into other secondary fuels e.g. thermal electricity from fuel oil fired power stations. From the resultant output of secondary energies included in the balance sheet it becomes possible to compute the efficiency of the conversion transformation process. However, any non-energy forms produced in the process, for example lubricating oils at refineries, have been excluded. It is therefore possible that part of a seeming increase in the inefficiency of conversion/transformation could be explained by an increase in the output of non-energy forms. The impact of such forms should, however, be minimal.

### *Efficiency of Conversion*

Efficiency measures are given as a percentage, viz: usable energy output to the energy content of the input (by heat units)  $\times 100$ . In the case of oil refining those commodities (output from the process) which are not regarded as energy sources, and, for which a BTU equivalent is not published by Statistics Canada, are excluded from the measure of efficiency; further, in this instance, a certain proportion of secondary products are fed back into refining. These are deducted from the output. As already noted, non-energy products (comprising petro-chemical feed stocks, naphta specialities, asphalt and lubricating oils and greases) are excluded from the efficiency measure used in oil refining. In order to cover this point a second measure of the oil refining process is given in terms of the quantity of non-energy products produced as a percentage of crude oil input (by barrels).



Table 18.1  
PRIMARY FUEL AND ELECTRICITY, ONTARIO, 1961 - 1972

	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity <sup>1</sup>	Total
	BTU x 10 <sup>6</sup>					
PRODUCTION						
1961	-	-	6,668,152	15,562,257	115,111,074	137,341,483
1962	-	-	6,583,701	16,587,192	105,548,888	128,719,781
1963	-	-	6,994,797	16,716,058	99,723,271	123,434,126
1964	-	-	7,234,496	14,299,526	103,478,290	125,012,312
1965	-	-	7,422,977	12,953,473	112,890,200	133,266,650
1966	-	-	7,681,901	15,692,769	126,789,596	150,164,266
1967	-	-	7,196,643	14,228,759	129,937,145	151,362,547
1968	-	-	6,682,044	12,065,829	133,935,934	152,683,807
1969	-	-	6,740,829	11,332,097	138,580,792	156,653,718
1970	-	-	6,082,519	17,063,893	136,663,763	159,810,175
1971	-	-	5,559,877	16,259,718	143,314,147	165,133,742
1972	-	-	5,094,831	12,299,693	161,661,672	179,056,196
EXPORTS						
1961	-	-	-	-	12,031,770	12,031,770
1962	-	-	-	272,089	12,115,316	12,387,405
1963	-	-	-	1,828,460	11,317,532	13,145,992
1964	-	-	-	2,150,924	13,097,835	15,248,759
1965	-	-	-	3,207,096	10,555,827	13,762,923
1966	-	212,580	-	3,404,578	11,077,764	14,694,922
1967	-	-	-	3,993,845	10,583,062	14,576,907
1968	-	-	-	4,849,189	8,629,890	13,479,079
1969	-	-	-	16,460,009	9,829,170	26,289,179
1970	-	59,681	-	33,637,598	12,277,597	45,974,876
1971	-	-	-	32,225,671	13,852,921	46,078,592
1972	-	-	-	17,739,365	20,729,473	38,468,838

Table 18.1 (cont'd)

	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity <sup>1</sup>	Total
			BTU x 10 <sup>6</sup>			
IMPORTS						
1961	277,928,763	-	13,777,993	5,785,794	4,648,161	302,140,711
1962	287,025,881	65,581	3,063,044	5,730,011	9,225,311	305,109,828
1963	353,283,966	230,176	4,232,911	7,085,042	9,711,060	374,543,155
1964	354,982,893	80,553	2,762,089	9,885,105	9,918,316	377,628,956
1965	385,023,189	-	3,788,726	17,999,629	9,886,823	416,698,367
1966	386,605,480	-	3,072,746	44,944,868	7,982,497	442,605,591
1967	381,099,804	-	2,449,603	70,356,754	8,585,500	462,491,661
1968	416,627,287	-	2,727,219	81,449,956	8,902,454	509,706,916
1969	411,353,530	-	2,446,377	34,823,261	7,643,112	456,266,280
1970	469,916,283	-	2,661,233	10,751,231	9,779,024	493,107,771
1971	429,613,328	-	2,371,390	14,235,793	8,716,643	454,937,154
1972	455,228,115	-	2,462,741	15,567,038	5,961,784	479,219,678
INTER-REGION TRANSFERS <sup>2</sup>						
1961	7,896,366	184,291	460,769,754	124,717,899	18,722,183	612,290,493
1962	13,482,584	682,129	485,086,924	143,055,587	19,441,617	661,748,841
1963	20,449,097	2,216,610	543,954,146	168,663,897	16,853,284	752,137,034
1964	24,507,495	4,311,236	589,739,235	197,237,534	23,005,181	838,800,681
1965	21,148,894	5,648,287	627,172,421	226,388,642	15,744,537	896,102,781
1966	29,084,427	7,550,857	651,957,429	234,905,031	20,981,005	944,478,749
1967	32,476,117	8,263,665	649,334,873	231,878,917	18,129,802	940,083,374
1968	30,450,842	10,882,823	689,761,165	250,619,773	15,688,632	997,403,235
1969	12,434,803	13,867,795	715,132,253	354,092,489	15,587,005	1,111,114,345
1970	14,610,429	13,677,726	776,331,566	471,083,656	21,714,009	1,297,417,386
1971	7,709,055	11,487,003	780,618,632	492,834,917	19,863,712	1,312,513,319
1972	1,672,092	18,693,822	792,687,479	573,168,605	28,618,072	1,414,840,070

1) Production includes Nuclear Energy Generation of Electricity, during 1962 to 1972 as follows:

1962 - 1967--	68.2 x 10 <sup>6</sup> BTU each year
1968 - 1970--	818.9 x 10 <sup>6</sup> BTU each year
1971	--4,503.8 x 10 <sup>6</sup> BTU
1972	--6,346.3 x 10 <sup>6</sup> BTU.

2) The inter-region transfers are into Ontario.

Table 18.2

SECONDARY ENERGY: PETROLEUM PRODUCTS, ONTARIO, 1958 - 1972

	Output						
	Gasoline		Light Distillates		Kero-		Liquefied
	Motor and Aviation Gasoline	Motor Gasoline	Kerosene and Aviation Fuel	Turbo Fuel	sene	Diesel, Light and Heavy Fuel Oils	Petroleum Gas, Still Gas, Petro Coke
		%			%	%	%
			BTU x 10 <sup>6</sup>				
1958	126,811,769	100.00	21,326,477	82.20	162,398,214	16.02	22,801,236
1959	145,595,360	99.87	23,042,859	82.41	197,838,947	16.13	26,514,347
1960	144,055,390	99.35	23,972,261	80.42	191,829,992	16.87	29,184,551
1961	155,942,805	99.30	26,886,382	72.86	216,912,566	15.49	27,078,456
1962	164,895,254	99.56	27,455,853	75.06	224,442,003	15.57	24,465,726
1963	178,129,154	99.71	32,785,107	71.60	256,335,003	14.74	42,408,018
1964	204,252,384	99.69	32,960,952	69.82	265,649,762	15.01	46,482,600
1965	213,245,767	99.74	35,237,252	67.74	288,834,445	16.62	45,200,943
1966	221,804,955	99.79	36,362,299	61.24	302,949,399	16.82	43,209,175
1967	224,081,207	99.78	37,968,485	60.85	296,632,785	16.49	39,712,927
1968	239,031,564	99.82	36,639,912	62.07	315,890,248	17.77	42,495,338
1969	253,623,832	99.77	43,007,300	64.62	314,094,883	19.74	35,307,393
1970	271,287,797	99.86	47,921,681	64.19	347,859,205	18.65	31,017,499
1971	280,952,458	99.94	48,930,846	55.74	351,020,039	19.02	29,468,971
1972	301,065,527	99.96	46,760,121	57.43	328,843,757	20.46	27,231,440

Table 18.2 (cont'd)

	Imports									
	Gasoline			Light Distillates			Fuel Oil		Liquefied Petroleum Gas, 1	
	Motor and Aviation Gasoline	Motor Gasoline	%	Kerosene and Aviation Fuel	Turbo sene	%	Diesel	%	Fuel Oil	Petro Coke
1958	4,266,781	37.94		1,822,425	100.00		25,227,010	.89	57.30	2,242,426
1959	2,728,977	23.64		2,519,913	100.00		31,637,841	2.23	57.27	1,975,329
1960	1,909,205	61.02		975,161	100.00		31,340,786	3.72	51.70	2,570,601
1961	417,224	51.07		114,942	100.00		15,060,907	9.04	57.42	2,081,139
1962	23,807	100.00		14,312	100.00		13,927,766	3.37	36.30	2,247,933
1963	14,345	100.00		3,298	100.00		14,971,083	.02	37.65	2,129,667
1964	1,374,169	100.00		244,809	100.00		22,451,458	-	20.40	2,970,430
1965	766,287	100.00		595,574	100.00		32,739,291	.57	25.18	3,166,983
1966	1,124,009	100.00		53,211	100.00		33,709,033	12.14	23.17	3,222,105
1967	2,971,288	96.63		1,809,151	91.13		34,057,703	6.72	27.70	3,371,504
1968	153,856	100.00		3,979,170	44.17		29,143,914	10.15	50.88	4,371,855
1969	1,050	-		5,311,501	2.67		26,603,684	.01	33.47	4,926,821
1970	-	-		5,521,814	7.59		21,113,131	2.69	22.14	5,892,000
1971	1,854	100.00		1,909,511	41.64		12,974,808	-	42.03	1,325,751
1972	4,522	100.00		2,246,114	2.05		22,294,147	-	41.26	1,472,664

BTU x 10<sup>6</sup>

Table 18.2 (cont'd)

Table 18.2 (cont'd)

Gasoline		Inter-Region Transfers					Liquefied Petroleum Gas, Still Gas, and Petro Coke	
		Light Distillates			Fuel Oil			
		Motor Gasoline	Kerosene and Aviation Fuel	Kerosene and Heavy Fuel Oils	Diesel Fuel Oil	Light Fuel Oil		
1958	57,247,853	98.68	11,415,449	78.54	48,754,008	5.23	78.08	454,999
1959	50,603,357	98.21	13,031,418	78.99	63,560,174	6.56	74.42	142,958
1960	57,750,130	98.74	10,941,592	77.21	70,345,998	5.82	69.32	82,285
1961	50,444,564	98.11	11,420,519	78.10	82,427,495	4.10	74.09	7,260
1962	49,679,385	98.14	10,282,741	81.26	72,383,040	3.83	69.30	190,806
1963	49,619,080	97.92	9,984,758	86.06	83,576,566	5.92	60.59	247,465
1964	27,330,796	96.81	5,324,937	81.50	65,099,171	4.51	53.52	459,344
1965	28,748,930	97.02	6,393,308	90.85	71,474,938	8.61	49.21	346,827
1966	33,897,865	97.47	8,979,280	79.33	75,877,392	9.66	49.32	320,893
1967	37,091,647	97.76	8,948,833	69.37	80,318,686	15.37	50.92	386,394
1968	38,545,983	97.64	12,634,905	64.44	104,065,077	11.80	46.40	911,654
1969	38,879,836	97.60	9,659,880	71.77	102,883,512	9.72	49.80	1,120,951
1970	42,624,349	97.76	10,578,652	70.66	130,316,836	9.53	40.28	715,253
1971	46,602,537	97.82	9,511,820	65.88	132,548,147	8.42	38.99	-425,798
1972	50,752,285	97.34	12,475,346	56.46	131,395,650	7.55	35.31	-735,601

1) Does not include Still gas or Petroleum Coke. In Ontario, since 1983, the former has been used exclusively in the refining process and the latter has been used almost entirely in "non-energy" applications.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Ontario Statistical Centre.



Table 18.3

## SECONDARY ENERGY: COAL PRODUCTS, ONTARIO, 1958 - 1972

	Coke (Blast Furnace Gas)					Inter-Region Transfer	Coke Oven Gas Output
	Output		Export	Import	BTU x 10 <sup>6</sup>		
	% Blast Furnace Gas						
1958	62,868,719	.40	1,037,855	6,252,006	539,028	18,850,000	
1959	78,816,086	.34	1,060,374	8,479,269	1,549,430	23,261,284	
1960	72,711,839	.40	1,016,850	6,354,628	842,828	21,208,314	
1961	77,833,337	.38	1,146,950	6,250,914	1,245,034	22,508,596	
1962	80,549,458	.44	1,021,586	5,050,669	2,427,102	23,507,268	
1963	84,717,966	.23	1,094,945	5,041,493	2,417,826	24,657,345	
1964	86,689,491	1.04	210,924	6,961,211	2,978,034	26,512,148	
1965	87,475,155	.91	893	12,370,959	4,652,455	25,548,866	
1966	87,739,697	.96	868	12,664,715	3,900,073	25,147,802	
1967	90,611,611	1.19	33,728	8,091,694	2,861,176	26,437,521	
1968	108,354,176	1.12	1,022,479	4,179,470	3,917,879	34,370,585	
1969	97,109,038	1.02	3,383,266	4,847,954	5,410,219	30,466,793	
1970	114,899,080	.92	3,044,622	6,337,342	4,692,532	36,233,451	
1971	106,349,518	1.18	3,467,834	6,917,018	489,031	34,772,532	
1972	111,732,929	1.07	2,476,776	5,677,191	1,870,540	36,283,527	

Source: Ministry of Treasury, Economics and Intergovernmental Affairs. Ontario Statistical Centre.

Table 18.4  
SECONDARY ENERGY: GENERATION OF SECONDARY ELECTRICITY, ONTARIO, 1958 - 1972

	Coal	Energy Generated from Different Fuels			Other	Total Secondary Electricity Generated
		Fuel Oils Incl. Diesel Oil	Natural Gas	BTU x 10 <sup>6</sup>		
1958	3,572,545	48,573	185,289		424,961	4,231,365
1959	2,720,490	31,326	228,140		420,734	3,400,690
1960	2,234,236	34,922	273,690		413,831	2,956,679
1961	3,440,978	38,781	293,398		377,418	4,150,575
1962	14,134,306	92,083	427,493		206,214	14,860,096
1963	28,026,267	248,264	243,709		80,608	28,598,848
1964	31,253,398	261,509	312,829		236,476	32,064,212
1965	39,050,514	327,242	580,057		207,514	40,165,327
1966	37,531,901	370,130	867,835		205,758	38,975,624
1967	46,574,745	590,795	418,325		266,569	47,850,434
1968	56,506,480	1,111,224	824,401		286,901	58,729,006
1969	66,064,942	1,568,899	1,125,349		215,066	68,974,256
1970	76,633,370	2,476,201	1,807,432		297,441	81,214,444
1971	83,790,337	1,970,536	4,814,547		308,499	90,883,919
1972	77,329,564	1,378,520	15,379,593		251,516	94,339,193

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Ontario Statistical Centre.

Table 18.5  
ENERGY CONSUMPTION BY USE SECTOR,<sup>1</sup> ONTARIO, 1958 - 1972

	Energy Supply <sup>2</sup> Industry	Transportation					Domestic and Farm	Commercial and Industrial <sup>3</sup>	Other <sup>4</sup>	Total
		Road, Rail, Air and Marine (excl. Navy)	Road %	Rail %	Air %	BTU x 10 <sup>6</sup>				
1958	47,787,904	248,809,971	74.56	15.16	4.04	263,999,844	430,408,979	-9,613,692	981,393,006	
1959	57,358,533	248,840,599	78.65	11.36	3.74	285,056,222	486,153,061	489,751	1,077,898,166	
1960	57,580,936	249,969,989	80.67	9.45	3.95	292,626,399	486,632,149	1,903,785	1,088,713,258	
1961	62,690,563	256,915,970	81.61	8.35	4.19	296,756,714	507,703,043	861,537	1,124,927,877	
1962	65,952,502	263,810,730	83.12	7.09	4.05	297,402,561	545,401,924	1,645,707	1,174,213,424	
1963	70,497,500	277,474,787	83.54	6.88	4.17	313,696,092	580,611,859	14,389,131	1,256,869,369	
1964	70,867,884	295,873,777	82.07	7.88	4.00	317,258,530	617,177,286	22,801,906	1,329,979,383	
1965	85,395,141	316,009,599	81.02	6.73	4.12	324,723,255	677,830,703	33,641,417	1,437,600,115	
1966	96,725,000	334,724,138	80.57	6.67	4.94	315,130,281	715,165,849	35,584,294	1,497,329,562	
1967	96,022,883	345,829,929	82.39	6.31	5.48	335,736,752	756,303,425	27,367,454	1,561,260,443	
1968	101,051,634	367,047,535	82.90	5.95	5.70	347,421,344	813,445,228	16,641,203	1,645,606,944	
1969	97,943,712	380,826,211	83.01	5.71	6.09	369,069,983	811,551,981	11,147,525	1,670,539,412	
1970	107,486,329	404,558,726	82.72	5.32	6.49	376,451,866	895,207,658	33,480,416	1,817,184,995	
1971	114,190,523	423,062,504	83.63	5.39	6.31	366,681,628	906,749,590	23,996,471	1,834,680,716	
1972	114,267,233	445,303,543	84.65	4.84	6.29	397,123,963	981,574,396	15,419,811	1,953,688,946	

1) The figures in this table comprise the total usage after stock changes, product substitution and secondary energy supply losses and adjustments have been allowed for.

2) Includes: Refinery and Colliery consumption, electricity transmission losses and Natural Gas plant own-usage.

3) The terms 'commercial' and 'industrial' as used in this table are based largely on tariffs and cannot therefore be related to standard industry codes.

4) Includes Non-Energy use and Losses and Adjustments.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Ontario Statistical Centre.

Table 18.6  
ENERGY CONSUMPTION BY COMMODITY GROUPS, ONTARIO, 1958 - 1972

	Coal and Coal Products	Petroleum Products					Other <sup>1</sup>	Natural Gas	Electricity
		Gasolines	Fuel Oils and Diesel		Light Distillates				
			BTU x 10 <sup>6</sup>						
1958	308,942,619	187,716,615	258,410,221	32,219,830	25,601,505	59,151,778	109,351,038		
1959	315,204,556	197,161,198	290,551,423	32,998,521	27,378,804	93,093,595	121,510,069		
1960	276,153,801	202,996,050	301,720,210	33,391,435	31,699,097	115,972,614	126,780,051		
1961	269,608,972	209,716,919	313,381,011	33,536,387	27,202,470	140,881,895	130,600,223		
1962	262,995,548	218,378,043	330,413,909	33,226,168	27,309,029	164,930,131	136,960,596		
1963	271,669,192	230,744,099	360,021,999	33,196,169	30,118,443	187,550,536	143,568,931		
1964	280,675,084	240,973,105	371,872,947	31,867,861	33,845,605	215,376,617	155,369,164		
1965	295,355,474	253,073,818	413,348,301	33,501,938	41,180,212	243,009,312	168,131,060		
1966	284,230,074	265,908,647	417,958,895	36,846,349	38,561,700	270,073,029	183,650,958		
1967	260,871,935	278,383,252	443,671,739	38,295,666	38,703,498	307,414,534	193,919,819		
1968	259,026,698	295,831,105	464,661,980	38,970,220	42,609,262	335,881,543	208,626,136		
1969	224,434,776	305,375,629	457,545,792	42,001,051	40,290,739	379,935,430	220,855,995		
1970	232,049,728	319,528,276	505,541,923	45,910,052	40,784,272	436,277,101	237,093,643		
1971	182,293,714	338,155,458	500,801,833	45,799,129	37,450,305	481,254,777	248,925,500		
1972	184,877,178	363,650,082	508,722,252	45,707,319	42,679,256	538,201,611	269,851,248		

1) Includes all commodities consumed for energy purposes in Ontario; Petroleum Coke is also included.  
Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Ontario Statistical Centre.

Table 18.7  
EFFICIENCY OF ENERGY COMMODITY CONVERSION, ONTARIO, 1958 - 1972

	Coal	Electricity		All Input Fuels <sup>1</sup>	Coke etc. Coal to Coke etc.	Refined Products		
		Fuel Oils ( & Diesel)	Natural Gas			Crude Oil to Refined Products <sup>2</sup>		Non-Energy Products Factor <sup>3</sup>
						Net <sup>4</sup>	Gross	
1958	24.70	24.42	23.00	26.08	88.96	79.83	89.21	12.55
1959	23.43	16.67	23.66	25.04	89.20	82.22	91.51	10.89
1960	21.94	10.27	24.14	23.48	89.54	79.15	88.50	12.39
1961	24.40	8.73	24.45	24.85	89.94	79.77	88.70	10.75
1962	31.29	12.47	24.15	30.94	90.98	80.17	89.18	10.23
1963	34.17	20.44	23.69	33.86	91.75	83.05	91.79	6.05
1964	33.70	21.13	22.36	33.29	92.21	83.02	91.32	5.94
1965	33.71	22.01	24.05	33.31	91.65	82.77	91.01	6.90
1966	32.89	20.78	25.03	32.41	92.97	82.74	90.85	6.83
1967	32.86	20.09	24.21	32.41	94.02	82.26	90.47	7.42
1968	32.30	21.76	24.57	31.79	91.19	82.42	89.25	6.39
1969	34.07	17.53	20.94	32.96	91.06	82.06	89.09	3.41
1970	34.81	20.92	20.36	33.52	88.87	81.87	88.67	7.82
1971	35.28	23.12	25.55	34.12	87.79	82.76	89.76	8.43
1972	35.97	21.06	27.03	33.74	89.69	80.89	87.85	11.02

1) These include coal, fuel oils, diesel, natural gas, wood, blast furnace gas, and coke oven gas.

2) Includes energy products only.

3) Includes quantity of non-energy products as a percent of crude oil input (barrels).

4) 'Net' refers to a certain proportion of secondary products which are fed back into refining; these are deducted from the output.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Ontario Statistical Centre.

Table 18.8  
ENERGY CONSUMPTION IN MANUFACTURING BY INDUSTRY GROUP AND COMMODITY, ONTARIO, 1969 - 1972

Non-Durables	No. of Estab- lish- ments	Coal <sup>1</sup>	Gaso- line	Fuel Oil <sup>2</sup>	Natural Gas	Elec- tricity	LPG <sup>3</sup>	Other Fuels <sup>4</sup>	Total
1969									
Food and Beverage Industry	2,049	2,628	4,411	16,948	10,520	3,923	237	1,503	40,170
Tobacco Products Industries	13	41	27	515	39	175	3	-	800
Rubber and Plastics Products Industries	55	1,334	21	4,040	387	1,324	18	188	7,312
Leather Industries	201	343	20	930	262	217	-	110	1,882
Textile Industries	391	688	87	5,537	3,208	1,844	19	397	11,780
Knitting Mills	108	94	10	484	341	126	-	27	1,082
Clothing Industries	526	15	27	219	220	128	-	31	640
Paper and Allied Industries	291	16,745	262	15,716	29,031	14,622	88	1,209	77,673
Printing, Publishing and Allied Industries	1,584	70	262	804	571	723	2	527	2,959
Petroleum and Coal Products Industries	29	-	34	382	1,909	2,500	1	72	4,898
Chemical and Chemical Products Industries	578	19,049	419	14,504	18,689	13,277	586	10,343	76,867
Miscellaneous Manufacturing Industries	1,320	855	362	1,739	1,851	1,408	15	314	6,544
TOTAL NON-DURABLES	7,145	41,862	5,942	61,818	67,028	40,267	969	14,721	232,607

Durables	No. of Estab- lish- ments	Coal <sup>1</sup>	Gaso- line	Fuel Oil <sup>2</sup>	Natural Gas	Elec- tricity	LPG <sup>3</sup>	Other Fuels <sup>4</sup>	Total
BTU x 10 <sup>9</sup>									
<u>1969</u>									
Wood Industries	777	124	481	910	647	480	18	718	3,378
Furniture and Fixture Industries	944	261	108	561	771	326	7	352	2,386
Primary Metal Industries	216	13,831	253	26,449	31,920	15,454	203	890	89,000
Metal Fabricating Industries	2,066	534	742	3,389	9,092	2,418	122	1,214	17,511
Machinery Industries	498	790	194	2,082	2,874	1,389	44	226	7,599
Transportation Equipment Industries	357	6,168	1,098	5,835	8,284	5,365	147	826	27,723
Electrical Products Industries	450	987	197	3,531	3,307	2,529	34	211	10,796
Non-Metallic Mineral Products Industries	519	10,255	1,163	8,713	22,193	5,726	155	1,401	49,606
TOTAL DURABLES	5,827	32,950	4,236	51,470	79,088	33,687	730	5,838	207,999
TOTAL DURABLES AND NON-DURABLES	12,972	74,812	10,178	113,288	146,116	73,954	1,699	20,559	440,606

Table 18.8 (cont'd)

Non-Durables	No. of Estab- lish- ments	Coal <sup>1</sup>	Gaso- line	Fuel Oil <sup>2</sup>	BTU x 10 <sup>9</sup>				Other <sup>4</sup> Fuels	Total
					Natural Gas	Elec- tricity	LPG <sup>3</sup>			
1970										
Food and Beverage Industry	1,916	2,393	4,281	15,116	12,620	4,091	203	415	39,119	
Tobacco Products Industries	13	49	35	539	42	196	2	1	864	
Rubber and Plastics Products Industries	321	546	103	4,798	2,287	2,102	31	150	10,017	
Leather Industries	188	161	18	936	367	210	-	-	1,692	
Textile Industries	384	505	75	4,554	3,739	2,224	13	329	11,439	
Knitting Mills	105	338	8	447	346	136	-	18	1,293	
Clothing Industries	492	11	22	206	207	124	-	18	588	
Paper and Allied Industries	283	13,145	282	18,355	32,089	14,381	91	859	79,202	
Printing, Publishing and Allied Industries	1,564	60	269	739	671	771	3	194	2,707	
Petroleum and Coal Products Industries	28	-	36	344	2,565	2,864	1	76	5,886	
Chemical and Chemical Products Industries	573	7,090	420	11,192	34,040	14,109	496	9,343	76,690	
Miscellaneous Manufacturing Industries	1,034	639	287	1,314	1,272	813	9	49	4,383	
TOTAL NON-DURABLES	6,901	24,937	5,836	58,540	90,245	42,021	849	11,452	233,880	



Table 18.8 (cont'd)

Durables	No. of Estab- lish- ments	Coal <sup>1</sup>	Gasoline	Fuel Oil <sup>2</sup>	Natural Gas	Elec- tricity	LPG <sup>3</sup>	Other Fuels <sup>4</sup>	Total
BTU x 10 <sup>9</sup>									
<u>1970</u>									
Wood Industries	755	106	583	1,007	748	519	21	42	3,026
Furniture and Fixture Industries	898	234	109	541	851	347	3	31	2,116
Primary Metal Industries	212	15,282	293	30,114	40,339	18,375	93	711	105,207
Metal Fabricating Industries	2,119	373	751	3,114	9,773	2,649	115	182	16,957
Machinery Industries	507	471	189	1,943	3,310	1,404	48	31	7,396
Transportation Equipment Industries	363	5,420	820	6,420	8,327	5,137	107	1,028	27,259
Electrical Products Industries	453	563	214	3,272	3,590	2,425	30	41	10,135
Non-Metallic Mineral Products Industries	529	8,349	968	11,666	23,173	5,885	97	474	50,612
TOTAL DURABLES	5,836	30,798	3,927	58,077	90,111	36,741	514	2,540	222,708
TOTAL DURABLES AND NON-DURABLES	12,737	55,735	9,763	116,617	180,356	78,762	1,363	13,992	456,588

Table 18.8 (cont'd)

Non-Durables	No. of Estab- lish- ments	Coal <sup>1</sup>	Gas- line	Fuel Oil <sup>2</sup>	Natural Gas	Elec- tricity	LPG <sup>3</sup>	Other <sup>4</sup> Fuels	Total
1971									
BTU x 10 <sup>9</sup>									
Food and Beverage Industry	1,829	1,321	4,110	14,308	15,020	4,317	207	480	39,763
Tobacco Products Industries	13	4	33	473	169	212	3	2	896
Rubber and Plastics Products Industries	335	72	124	4,963	2,338	2,161	33	176	9,867
Leather Industries	180	103	20	1,019	580	219	2	-	1,943
Textile Industries	382	162	86	4,384	3,903	2,313	14	324	11,186
Knitting Mills	96	141	8	497	443	141	-	8	1,238
Clothing Industries	458	3	23	171	190	121	-	30	538
Paper and Allied Industries	289	7,907	262	17,972	36,712	14,478	117	712	78,160
Printing, Publishing and Allied Industries	1,574	14	267	689	854	795	3	215	2,837
Petroleum and Coal Products Industries	32	-	37	353	2,805	3,069	1	9	6,274
Chemical and Chemical Products Industries	575	1,500	418	17,843	35,058	13,630	832	7,261	76,542
Miscellaneous Manufacturing Industries	1,081	467	278	1,471	1,429	900	13	49	4,607
TOTAL NON-DURABLES	6,844	11,694	5,666	64,143	99,501	42,356	1,225	9,266	233,851

Table 18.8 (cont'd)

Durables	No. of Estab- lish- ments	Coal <sup>1</sup>	Gaso- line	Fuel Oil <sup>2</sup>	Natural Gas	Elec- tricity	LPG <sup>3</sup>	Other Fuels <sup>4</sup>	Total
1971									
Wood Industries	733	95	651	1,307	1,189	633	28	47	3,950
Furniture and Fixture Industries	872	168	124	591	956	362	12	14	2,227
Primary Metal Industries	204	18,270	288	25,044	45,499	18,612	127	777	108,617
Metal Fabricating Industries	2,157	268	755	2,639	9,617	2,740	123	149	16,291
Machinery Industries	534	353	191	1,558	3,795	1,504	48	28	7,477
Transportation Equipment Industries	389	4,865	750	6,075	10,409	6,024	120	906	29,149
Electrical Products Industries	471	124	220	2,928	4,123	2,622	31	36	10,084
Non-Metallic Mineral Products Industries	537	4,921	1,032	14,002	27,817	5,810	97	470	54,149
TOTAL DURABLES	5,897	29,064	4,011	54,144	103,405	38,307	586	2,427	231,944
TOTAL NON-DURABLES AND DURABLES	12,741	40,758	9,677	118,287	202,906	80,663	1,811	11,693	465,795

Table 18.8 (cont'd)

Non-Durables	No. of Estab- lish- ments	Coal <sup>1</sup>	Gasoline	Fuel Oil <sup>2</sup>	Natural Gas	Elec- tricity	LPG <sup>3</sup>	Other Fuels <sup>4</sup>	Total
BTU x 10 <sup>9</sup>									
1972									
Food and Beverage Industry	1,731	125	3,880	13,077	17,784	4,386	175	457	39,884
Tobacco Products Industries	13	2	34	326	210	199	2	2	775
Rubber and Plastics Products Industries	348	51	122	5,003	3,789	2,474	42	676	12,157
Leather Industries	167	1	19	947	524	208	5	8	1,712
Textile Industries	377	91	105	5,655	4,587	2,644	20	327	13,429
Knitting Mills	94	-	10	529	626	159	-	8	1,332
Clothing Industries	448	2	26	179	246	134	-	32	619
Paper and Allied Industries	300	7,225	279	18,220	39,544	15,669	131	601	81,669
Printing, Publishing and Allied Industries	1,606	-	274	634	1,026	900	3	187	3,024
Petroleum and Coal Products Industries	33	-	61	439	2,764	3,116	1	81	6,462
Chemical and Chemical Products Industries	574	389	397	25,569	37,923	12,343	1,981	5,194	83,796
Miscellaneous Manufacturing Industries	1,081	41	274	1,582	1,685	932	13	48	4,575
TOTAL NON-DURABLES	6,772	7,927	5,481	72,160	110,708	43,164	2,373	7,621	249,434

Table 18.8 (cont'd)

Durables	No. of Estab- lish- ments	Coal <sup>1</sup>	Gaso- line	Fuel Oil <sup>2</sup>	Natural Gas	Elec- tricity	LPG <sup>3</sup>	Other Fuels <sup>4</sup>	Total
BTU x 10 <sup>9</sup>									
1972									
Wood Industries	733	78	657	1,583	1,411	697	38	47	4,511
Furniture and Fixture Industries	860	123	142	644	998	400	13	48	2,368
Primary Metal Industries	211	14,050	281	22,824	50,511	19,357	161	996	108,180
Metal Fabricating Industries	2,099	7	773	2,734	10,873	2,880	157	178	17,602
Machinery Industries	546	262	183	1,661	4,363	1,678	41	27	8,215
Transportation Equipment Industries	391	3,631	834	6,776	12,594	6,456	166	881	31,338
Electrical Products Industries	457	8	200	2,715	4,660	2,529	32	37	10,181
Non-Metallic Mineral Products Industries	520	4,444	927	15,961	31,327	6,511	111	497	59,778
TOTAL DURABLES	5,817	22,603	3,997	54,898	116,737	40,508	719	2,711	242,173
TOTAL NON-DURABLES AND DURABLES	12,589	30,530	9,478	127,058	227,445	83,672	3,092	10,332	491,607

1) Aggregation of Bituminous Coal (Canadian and Imported), Sub-Bituminous Coal, Anthracite Coal, Lignite Coal and Coke.

2) Fuel Oil including diesel fuel, kerosene and bunker "C".

3) LPG = Liquefied Petroleum Gas (Propane etc.).

4) Estimated.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Ontario Statistical Centre.

Table 18.9

PERCENTAGE OF ENERGY SUPPLY BY SOURCE, ONTARIO HYDRO, 1950-1974

	Hydro	Coal	Natural Gas	Other Fossil	Nuclear	Purchase	Total
1950	67.15	0.63	-	0.02	-	32.20	100.00
1951	74.01	0.55	-	-	-	25.44	100.00
1952	74.38	2.07	-	-	-	23.55	100.00
1953	69.35	8.41	-	-	-	22.24	100.00
1954	76.48	4.27	-	-	-	19.25	100.00
1955	83.10	1.50	-	0.01	-	15.39	100.00
1956	81.99	3.16	-	0.01	-	14.84	100.00
1957	79.58	4.69	-	0.01	-	15.72	100.00
1958	79.61	1.91	-	0.01	-	18.47	100.00
1959	82.50	0.95	-	0.01	-	16.54	100.00
1960	83.65	0.44	-	0.01	-	15.90	100.00
1961	80.04	1.34	-	0.01	-	18.61	100.00
1962	69.98	9.16	-	0.01	0.05	20.80	100.00
1963	63.45	18.45	-	0.01	0.21	17.88	100.00
1964	61.12	18.99	-	-	0.32	19.57	100.00
1965	62.16	22.39	-	0.01	0.25	15.19	100.00
1966	65.04	19.74	-	0.02	0.31	14.89	100.00
1967	62.61	23.61	-	0.04	0.14	13.60	100.00
1968	59.76	26.72	-	0.15	0.15	13.22	100.00
1969	58.71	29.87	-	0.22	0.13	11.07	100.00
1970	52.46	32.51	-	0.42	0.18	14.43	100.00
1971	48.25	33.87	1.10	0.16	4.03	12.59	100.00
1972	47.02	28.17	4.21	0.07	7.24	13.29	100.00
1973	42.92	22.18	4.24	0.05	15.81	14.80	100.00
1974	42.38	22.57	5.51	0.02	15.20	14.32	100.00

*Source: Ontario Hydro.*

Table 18.10

PRIMARY ENERGY DEMAND, ONTARIO, 1950 - 1974

Annual Rate		Annual Rate		Annual Rate	
Billions of kilowatt-hours					
1950	15.58	1960	32.72	1970	64.29
1951	17.64	1961	33.86	1971	68.13
1952	18.77	1962	35.78	1972	73.49
1953	19.95	1963	37.64	1973	78.16
1954	20.79	1964	40.63	1974	82.70
1955	23.26	1965	43.58		
1956	25.54	1966	48.06		
1957	27.40	1967	51.36		
1958	28.38	1968	55.79		
1959	31.55	1969	59.43		

*Source: Ontario Hydro.*

Table 18.11  
GENERATION OF ENERGY, CANADA AND ONTARIO, 1970 - 1973

CANADA	1970	1971	1972	1973
	thousands of kilowatt-hours <sup>1</sup>			
ELECTRIC UTILITIES AND INDUSTRIAL ESTABLISHMENTS				
Hydro	156,708,854	160,984,485	179,944,321	192,842,504
Thermal	48,014,043	55,487,718	60,268,427	70,492,397
Total energy generated	204,722,897	216,472,203	240,212,748	263,334,901
ELECTRIC UTILITIES				
Publicly and privately-operated				
Hydro	128,856,020	133,315,417	151,527,740	161,076,292
Thermal	43,074,321	50,644,451	54,775,423	64,277,916
Total energy generated	171,930,341	183,959,868	206,303,163	225,354,208
Publicly-operated				
Hydro	115,674,422	120,444,563	131,301,267	135,058,708
Thermal	35,732,111	42,447,541	45,504,900	55,718,776
Total energy generated	151,406,533	162,892,104	176,806,167	190,777,484
Privately-operated				
Hydro	13,181,598	12,870,854	20,226,473	26,017,584
Thermal	7,342,210	8,196,910	9,270,523	8,559,140
Total energy generated	20,523,808	21,067,764	29,496,996	34,576,724
INDUSTRIAL ESTABLISHMENTS				
Hydro	27,852,834	27,669,068	28,416,581	31,766,212
Thermal	4,939,722	4,843,267	5,493,004	6,214,481
Total energy generated	32,792,556	32,512,335	33,909,585	37,980,693

Table 18.11 (cont'd)

		1970	1971	1972	1973
ONTARIO		thousands of kilowatt-hours <sup>1</sup>			
ELECTRIC UTILITIES AND INDUSTRIAL ESTABLISHMENTS					
Hydro		39,084,487 <sup>2</sup>	38,110,708	41,263,754	40,809,952 <sup>5</sup>
Thermal		24,771,963	30,528,819 <sup>3</sup>	33,765,808 <sup>4</sup>	39,212,215 <sup>5</sup>
Total energy generated		63,856,450	68,639,527	75,029,562	80,022,167
ELECTRIC UTILITIES					
Publicly and privately-operated					
Hydro		37,488,836	36,586,239 <sup>3</sup>	39,665,410 <sup>4</sup>	39,221,219 <sup>5</sup>
Thermal		23,471,787 <sup>2</sup>	29,340,540 <sup>3</sup>	32,157,836 <sup>4</sup>	37,078,505 <sup>5</sup>
Total energy generated		60,960,623	65,926,779	71,823,246	76,299,724
Publicly-operated					
Hydro		35,940,242	35,049,611 <sup>3</sup>	37,853,512 <sup>4</sup>	37,079,969 <sup>5</sup>
Thermal		23,441,355 <sup>2</sup>	29,315,040 <sup>3</sup>	32,136,344 <sup>4</sup>	37,053,061 <sup>5</sup>
Total energy generated		59,381,597	64,364,651	69,989,856	74,133,030
Privately-operated					
Hydro		1,548,594	1,536,628	1,811,898	2,141,250
Thermal		30,432	25,500	21,492	25,444
Total energy generated		1,579,026	1,562,128	1,833,390	2,166,694
INDUSTRIAL ESTABLISHMENTS					
Hydro		1,595,651	1,524,469	1,598,344	1,588,733
Thermal		1,300,176	1,188,279	1,607,972	2,133,710
Total energy generated		2,895,827	2,712,748	3,206,316	3,722,443

1) Kilowatt-hours generated after deducting station service.

2) Includes 969,371 thousand kilowatt-hours of nuclear generation.

3) Includes 3,892,866 thousand kilowatt-hours of nuclear generation.

4) Includes 6,116,572 thousand kilowatt-hours of nuclear generation.

5) Includes 14,255,975 thousand kilowatt-hours of nuclear generation.

Source: SC, Electric Power Statistics, Volume II.



Table 18.12  
ELECTRIC ENERGY DISTRIBUTED TO RESIDENTIAL AND GENERAL SERVICES BY ONTARIO HYDRO,<sup>1</sup>  
BY SELECTED URBAN AREA,<sup>2</sup> ONTARIO, 1971 - 1974

	Electric Energy Distributed to Residential Services				Electric Energy Distributed to General Services <sup>3</sup>			
	Total 1974		Per Cent Change		Total 1974		Per Cent Change	
	Million KWH	74/73	73/72	72/71	Million KWH	74/73	73/72	72/71
Toronto (metro)	4,456.5	2.2	2.5	2.2	11,931.5	6.8	9.2	11.9
Hamilton <sup>4</sup>	661.5	4.0	3.3	3.8	4,321.0	1.4	8.8	11.5
Ottawa	853.7	0.5	1.6	1.9	2,087.4	6.7	13.4	16.9
London	527.3	5.1	7.0	7.6	1,032.4	4.8	10.9	11.5
Windsor <sup>4</sup>	408.9	1.4	5.1	9.6	1,171.8	-	5.8	9.2
Kitchener	297.7	4.1	6.0	8.6	668.7	2.7	10.3	5.9
St. Catharines	239.7	3.4	7.7	6.1	861.3	3.5	16.2	6.1
Thunder Bay	313.8	4.9	1.8	7.1	497.2	6.7	-0.1	9.7
Oshawa	282.3	4.8	4.9	-0.2	653.9	0.7	8.2	11.7
Niagara Falls	126.2	3.4	3.6	7.8	219.4	5.0	4.5	1.8
Brantford	157.4	9.1	3.1	7.0	338.7	6.7	9.3	10.3
Guelph <sup>4</sup>	179.1	-4.0	2.2	9.7	409.6	6.7	7.1	7.7
Kingston	150.6	1.9	-2.8	4.2	291.9	2.5	5.9	12.5
Peterborough	180.3	6.1	-1.4	-1.3	286.2	5.1	2.1	4.1
Sarnia <sup>4</sup>	134.7	3.7	4.8	6.9	313.2	4.1	13.7	2.3
North Bay	154.4	10.7	3.1	12.9	203.0	15.3	9.2	2.2
Welland <sup>4</sup>	71.8	1.0	2.3	8.3	207.2	6.2	6.6	6.4
Brampton <sup>4</sup>	104.3	3.8	6.0	12.1	231.9	2.7	15.1	18.8
TOTAL, Ontario <sup>5</sup>	19,422.2	6.5	5.2	5.7	53,733.6	4.9	7.9	6.1

1) Electrical Energy distributed by Ontario Hydro and The Associated Municipal Utilities only.

2) Urban areas represent incorporated municipalities.

3) General Services is the former Commercial and Industrial Services.

4) Utilities on Commercial and Industrial Rate.

5) Including urban areas not listed here.

Source: Ontario Hydro.

Table 18.13  
 NUMBER OF ULTIMATE CUSTOMERS<sup>1</sup> SERVED DIRECTLY OR INDIRECTLY  
 BY ONTARIO HYDRO, 1961 - 1974

	Retail Customers of the Municipal Utilities	Retail Customers of Ontario Hydro		Direct Customers (Including Utilities)	Total
		In Communities Where Ontario Hydro Owns and Operates the Distribution Utilities	In Rural Areas (Including Utilities)		
1961	1,423,427	30,508	484,749	213	1,938,897
1962	1,460,553	30,964	499,562	210	1,991,289
1963	1,497,857	31,165	512,510	200	2,041,732
1964	1,552,238	31,357	511,988	171	2,095,754
1965	1,595,343	31,567	515,204	167	2,142,281
1966	1,630,255	31,794	525,544	173	2,187,766
1967	1,673,104	32,048	540,374	189	2,245,715
1968	1,709,111	32,033	550,685	186	2,292,015
1969	1,738,512	28,059	577,053	183	2,343,807
1970	1,766,086	28,327	594,052	96	2,388,561
1971	1,789,599	28,544	616,203	100	2,434,446
1972	1,821,795	28,350	630,215	102	2,480,462
1973	1,841,958	27,333	667,519	98	2,536,908
1974	1,872,461	27,592	692,681	99	2,592,833

1) For the years 1961 - 1969, special customers below 5000 KW were included in "Direct Customers". After 1969, these customers were included in "Retail Customers of Ontario Hydro in Rural Areas".

Source: Ontario Hydro.

Table 18.14  
ELECTRIC ENERGY SALES AND REVENUE, ULTIMATE CUSTOMERS SERVED DIRECTLY OR INDIRECTLY BY ONTARIO HYDRO,  
BY ECONOMIC REGIONS, 1961 - 1974

	Total		Eastern Ontario				Lake Ontario	
	All Zones		Ottawa Valley		Upper St. Lawrence		Sales	
	Sales	Revenue	Sales	Revenue	Sales	Revenue	KWH	Revenue
	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's
1961	30,770.6	307,516	1,830.9	19,077	1,073.0	9,474	1,494.5	16,739
1962	32,868.7	325,345	1,996.1	20,876	1,158.0	10,273	1,561.1	17,705
1963	34,930.0	345,100	2,162.5	22,776	1,209.8	10,786	1,677.2	19,074
1964	37,606.8	368,489	2,325.8	24,549	1,320.9	11,693	1,787.2	20,512
1965	40,856.3	398,815	2,500.7	26,256	1,458.2	12,677	1,853.9	21,622
1966	44,853.0	429,599	2,650.5	27,921	1,646.8	14,283	2,037.9	22,954
1967	47,006.5	463,978	2,990.8	31,754	1,656.3	14,740	2,222.2	24,840
1968	51,769.5	516,474	3,252.4	35,906	1,732.4	15,512	2,351.5	27,087
1969	55,143.4	576,253	3,587.7	40,746	1,777.4	16,733	2,631.2	30,929
1970	59,746.1	644,466	3,926.6	46,428	1,841.6	18,135	2,896.1	35,249
1971	63,283.9	714,358	4,194.4	53,978	1,915.4	19,837	3,147.7	39,510
1972	68,068.8	795,008	4,640.2	62,033	2,045.9	21,720	3,388.6	44,179
1973	72,672.9	915,411	5,052.7	68,705	2,131.8	24,788	3,632.0	50,049
1974	76,290.2	1,039,278	5,422.4	79,931	2,253.5	28,841	3,905.3	59,014

Table 18.14 (cont'd)

	Metropolitan			Niagara				Lake Erie		
	Toronto Region		Revenue	Burlington		Revenue	\$'000's	Niagara		Revenue
	Sales KWH	Millions		Sales KWH	Millions			Sales KWH	Millions	
		\$'000's								\$'000's
1961	8,393.8	98,147		2,644.8	23,964	3,711.9	24,575		1,264.0	16,410
1962	9,050.3	104,792		2,831.0	25,115	4,204.8	26,262		1,379.4	17,416
1963	9,762.2	111,591		3,114.9	26,189	4,097.9	26,398		1,472.3	18,414
1964	10,721.4	120,065		3,428.0	28,343	4,422.9	28,097		1,599.9	19,692
1965	11,706.0	130,088		3,763.5	32,229	4,861.0	30,190		1,744.0	21,909
1966	12,971.9	141,391		4,197.1	35,709	5,249.7	32,889		1,909.6	23,559
1967	14,096.8	152,730		4,256.9	37,975	5,133.5	34,002		2,076.8	25,588
1968	15,352.1	173,001		4,555.2	41,376	5,110.3	35,477		2,271.3	27,844
1969	16,789.4	193,551		4,658.8	44,551	5,404.5	40,472		2,474.3	31,330
1970	17,917.4	210,605		5,012.7	50,728	5,540.0	43,844		2,635.2	35,208
1971	19,507.0	237,304		5,241.2	54,459	5,413.8	46,203		2,784.8	37,538
1972	21,284.1	268,996		5,756.6	61,374	5,331.3	47,974		3,020.3	41,438
1973	22,970.0	312,728		6,217.7	72,992	5,336.4	54,949		3,324.7	47,735
1974	24,385.5	351,684		6,350.3	79,119	5,463.0	60,987		3,468.9	53,560

Table 18.14 (cont'd)

	Lake St. Clair				Upper Grand River				Georgian Bay			
	Border		Lambton		Sales		Revenue		Blue Water		Highlands	
	Sales	Revenue	Sales	Revenue	Sales	Revenue	Sales	Revenue	Sales	Revenue	Sales	Revenue
	KWH Millions	\$'000's	KWH Millions	\$'000's	KWH Millions	\$'000's	KWH Millions	\$'000's	KWH Millions	\$'000's	KWH Millions	\$'000's
1961	909.0	13,418	1,203.1	8,937	1,388.8	17,924	748.0	11,139	124.3	2,330		
1962	977.9	14,047	1,200.1	8,981	1,514.3	19,234	811.7	11,873	132.3	2,494		
1963	1,067.8	14,891	1,332.6	10,272	1,664.3	20,701	892.7	12,885	147.7	2,739		
1964	1,175.7	15,900	1,194.8	9,916	1,800.9	22,036	952.0	13,616	173.3	3,023		
1965	1,347.4	17,598	1,360.8	11,156	2,005.8	24,117	1,068.2	14,718	183.9	3,326		
1966	1,506.0	18,984	1,738.9	12,954	2,185.6	25,737	1,170.3	15,559	201.7	3,488		
1967	1,654.0	20,841	1,887.4	13,673	2,402.4	28,383	1,329.5	17,116	224.7	3,776		
1968	1,855.5	23,629	2,187.0	15,629	2,627.6	31,767	1,489.1	19,392	257.1	4,230		
1969	1,992.3	25,931	2,314.8	17,710	2,821.9	35,078	1,698.5	23,257	294.4	4,869		
1970	2,211.2	29,142	2,616.6	20,749	3,051.5	38,937	1,882.4	26,273	337.9	5,517		
1971	2,449.6	33,378	2,683.2	22,494	3,258.7	41,712	2,049.7	29,577	400.8	6,434		
1972	2,677.0	37,587	2,564.4	21,172	3,543.4	47,166	2,389.9	34,594	456.6	7,410		
1973	2,892.7	42,616	2,218.7	21,792	3,762.2	52,405	2,888.5	42,589	486.1	8,392		
1974	2,914.6	45,504	2,124.6	23,796	3,912.7	58,897	3,257.0	51,355	537.5	9,847		

Table 18.14 (cont'd)

	Northeastern Ontario				Northwestern Ontario			
	Clay Belt		Nickel Range		Sault		Lakehead	
	Sales KWH	Revenue \$'000 's	Sales KWH	Revenue \$'000 's	Sales KWH	Revenue \$'000 's	Sales KWH	Revenue \$'000 's
	Millions		Millions		Millions		Millions	
1961	1,190.7	11,494	1,610.2	12,179	419.9	3,408	2,763.7	18,301
1962	1,182.8	11,849	1,574.5	12,311	374.0	3,142	2,919.6	18,975
1963	1,187.4	12,590	1,638.6	12,942	386.7	3,159	3,114.8	19,693
1964	1,216.7	13,108	1,801.2	13,825	333.9	3,063	3,352.2	21,041
1965	1,330.3	13,920	1,925.3	14,499	239.5	2,513	3,507.8	21,997
1966	1,368.2	13,838	1,950.7	14,363	259.6	2,562	3,808.5	23,408
1967	1,557.1	15,264	2,248.5	16,048	326.2	3,000	3,543.4	24,248
1968	1,778.6	16,894	2,626.3	18,254	484.2	4,062	3,838.4	26,414
1969	1,891.8	19,002	2,240.0	17,870	418.5	3,860	4,147.9	30,364
1970	2,005.2	20,708	3,042.9	24,353	593.3	4,907	4,235.5	33,683
1971	2,049.8	22,372	3,294.6	27,949	557.9	5,171	4,335.3	36,442
1972	2,435.7	26,115	3,104.3	28,308	827.0	5,121	4,604.6	39,824
1973	2,741.9	31,400	3,112.5	31,932	1,162.5	7,084	4,742.5	45,256
1974	2,960.2	37,148	3,360.7	37,300	1,140.4	10,711	4,833.5	51,684

Source: Ontario Hydro.

Table 18.15  
INSTALLED GENERATING CAPACITY, CANADA AND ONTARIO, 1970 - 1973<sup>1</sup>

	1970	1971	1972	1973
CANADA	(nameplate rating in kilowatts)			
ELECTRIC UTILITIES AND INDUSTRIAL ESTABLISHMENTS				
Hydro	28,298,363	30,601,099	32,500,023	34,265,915
Thermal	14,527,282	16,074,634	17,443,660	20,110,503
Total installed generating capacity	42,825,645	46,675,733	49,943,683	54,376,418
ELECTRIC UTILITIES				
Publicly and privately-operated				
Hydro	24,226,780	26,531,800	28,432,900	29,863,002
Thermal	13,297,814	14,837,424	16,129,540	18,677,828
Total installed generating capacity	37,524,594	41,369,224	44,562,440	48,540,830
Publicly-operated				
Hydro	21,573,836	22,928,566	23,778,046	24,169,121
Thermal	11,641,990	13,163,415	14,340,796	16,790,169
Total installed generating capacity	33,215,826	36,091,981	38,118,842	40,959,290
Privately-operated				
Hydro	2,652,944	3,603,234	4,654,854	5,693,881
Thermal	1,655,824	1,674,009	1,788,744	1,887,659
Total installed generating capacity	4,308,768	5,277,243	6,443,598	7,581,540
INDUSTRIAL ESTABLISHMENTS				
Hydro	4,071,583	4,069,299	4,067,123	4,402,913
Total thermal	1,229,468	1,237,210	1,314,120	1,432,675
Total installed generating capacity	5,301,051	5,306,509	5,381,243	5,835,588

Table 18.15 (cont'd)

	1970	1971	1972	1973
(nameplate rating in kilowatts)				
ONTARIO				
ELECTRIC UTILITIES AND INDUSTRIAL ESTABLISHMENTS				
Hydro	6,795,974	7,009,614	7,007,924	7,007,924
Thermal	6,904,187 <sup>2</sup>	7,983,292 <sup>3</sup>	9,147,592 <sup>4</sup>	10,799,272 <sup>5</sup>
Total installed generating capacity	13,700,161	14,992,906	16,155,516	17,807,196
ELECTRIC UTILITIES				
Publicly and privately-operated				
Hydro	6,541,968	6,755,608	6,754,468	6,754,468
Thermal	6,577,621 <sup>2</sup>	7,657,496 <sup>3</sup>	8,712,996 <sup>4</sup>	10,260,496 <sup>5</sup>
Total installed generating capacity	13,119,589	14,413,104	15,467,464	17,014,964
Publicly-operated				
Hydro	6,209,248	6,423,298	6,422,788	6,422,788
Thermal	6,569,761 <sup>2</sup>	7,649,636 <sup>3</sup>	8,704,636 <sup>4</sup>	10,252,136 <sup>5</sup>
Total installed generating capacity	12,779,009	14,072,934	15,127,424	16,674,924
Privately-operated				
Hydro	332,720	332,310	331,680	331,680
Thermal	7,860	7,860	8,360	8,360
Total installed generating capacity	340,580	340,170	340,040	340,040
INDUSTRIAL ESTABLISHMENTS				
Hydro	254,006	254,006	253,456	253,456
Total thermal	326,566	325,796	434,596	538,776
Total installed generating capacity	580,572	579,802	688,052	792,232

1) Generating Capacity figures are for the end of each year.

2) Includes 240,000 kw. nuclear generating capacity.

3) Includes 1,320,000 kw. nuclear generating capacity.

4) Includes 1,860,000 kw. nuclear generating capacity.

5) Includes 2,400,000 kw. nuclear generating capacity.

Source: SC, Electric Power Statistics, Volume II.



Table 18.16

SUMMARY OF PIPELINE MOVEMENTS OF CRUDE OIL, CONDENSATE AND PENTANES PLUS, CANADA AND ONTARIO, 1969 - 1974

	1969		1970		1971	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
RECEIPTS				barrels		
Net receipts						
From field	392,521,389	-	440,647,887	-	466,922,701	-
From other carriers	6,639,819	200,711	7,143,823	141,664	6,908,371	250,411
From processing plants	45,351,985	-	53,537,743	159,092	64,166,345	753,699
Imports	142,584,753	-	157,222,741	-	160,492,888	-
From other	1,082	-	-	-	-	-
Net receipts--Total	587,099,928	200,711	658,552,194	300,756	698,490,035	1,004,110
Transfer						
From other provinces	675,991,727	150,032,569	784,218,989	166,507,212	837,183,374	171,407,831
Gross receipts--Total	1,263,090,755	150,233,280	1,442,771,183	166,807,968	1,535,673,679	172,411,941
DISPOSITION						
Net deliveries						
To refineries	379,450,850	123,435,633	410,600,148	133,850,225	418,952,743	134,770,251
To other carriers	1,977,958	-	1,727,374	-	2,373,851	-
To bulk plants and terminals	-	-	-	-	-	-
To processing plants	-	-	436,937	436,937	1,135,761	1,130,337
To export	202,534,888	26,535,738	243,478,357	31,767,107	272,423,398	36,154,887
To other	147,790	-	865,999	-	1,619,766	-
Net deliveries--Total	584,111,486	149,971,371	657,108,815	166,054,269	696,505,519	172,055,475
Transfers						
To other provinces	675,991,727	-	784,218,989	-	837,183,374	-
Gross deliveries--Total	1,260,103,213	149,971,371	1,441,327,804	166,054,269	1,533,688,893	172,055,475
Pipe line fuel and use	174,351	-	170,923	-	138,692	-
Line losses and unaccounted for	32,021	-	178,638	-	1,539,680	-
Inventory changes	2,781,170	261,909	1,093,818	753,699	306,414	356,466
Disposition--Total	1,263,090,755	150,233,280	1,442,771,183	166,807,968	1,535,673,679	172,411,941

Table 18.16 (cont'd)

642

	1972		1973		1974	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
RECEIPTS						
Net receipts						
From field	528,529,390	-	619,390,863	-	585,607,577	-
From other carries	8,059,023	188,956	8,196,681	163,888	10,155,194	155,585
From processing plants	86,784,212	2,726,223	90,863,780	4,630,016	83,579,862	8,030,471
Imports	161,597,153	-	169,225,700	-	153,543,518	267,056
From other	-	-	-	-	10,174,667	348,586
Net receipts--Total	784,969,778	2,915,179	887,979,408	4,793,904	843,060,818	8,801,698
Transfers						
From other provinces	960,427,876	179,279,430	1,145,861,461	200,406,166	1,087,348,370	212,392,825
Gross receipts--Total	1,745,397,654	182,194,609	2,033,840,869	205,200,070	1,930,409,188	221,194,523
DISPOSITION						
Net deliveries						
To refineries	429,296,007	136,788,556	462,967,658	153,277,264	484,537,832	173,394,788
To other carriers	756,478	-	919,318	-	659,442	69,553
To bulk plants and terminals	-	-	7,956	-	253,780	210,227
To processing plants	1,691,380	1,675,760	2,739,491	2,724,957	5,348,794	5,342,357
To export	347,990,239	43,016,564	413,930,687	49,266,298	330,399,526	43,022,111
To other	2,246,213	248,133	6,411,178	-	21,140,450	-
Net deliveries--Total	781,980,317	181,729,013	886,976,288	205,268,519	842,339,824	222,039,036
Transfers						
To other provinces	960,427,876	-	1,145,861,461	-	1,087,348,370	-
Gross deliveries--Total	1,742,408,193	181,729,013	2,032,837,749	205,268,519	1,929,688,194	222,039,036
Pipe line fuel and use	212,329	-	221,183	-	164,035	-
Line losses and unaccounted for	526,780	-	346,574	4,422	875,235	40
Inventory changes	2,250,352	465,596	435,363	-72,871	-318,276	-844,553
Disposition--Total	1,745,397,654	182,194,609	2,033,840,869	205,200,070	1,930,409,188	221,194,523

1) Includes movements of Canadian oil held in bond in the United States and estimated inventory changes of interprovincial pipelines in Manitoba and United States.

Source: SC, Oil Pipeline Transport.

Table 18.17

PIPELINE MOVEMENTS OF LIQUEFIED PETROLEUM GASES AND PETROLEUM PRODUCTS, CANADA AND ONTARIO, 1969 - 1974

	1969		1970		1971	
	Canada <sup>1</sup>	Ontario	Canada <sup>1</sup>	Ontario	Canada <sup>1</sup>	Ontario
RECEIPTS				barrels		
Net Receipts						
From processing plants	13,772,871	-	18,216,855	148,410	22,454,657	147,262
From refineries and bulk plants	68,826,357	52,085,002	79,641,770	55,050,337	88,111,478	58,530,599
Imports	1,142,133	543,758	941,636	221,443	-	-
From other carriers	6,048,010	-	5,567,057	-	6,015,879	-
Net receipts--Total	89,789,371	52,628,760	104,367,318	55,420,190	116,582,014	58,677,861
Transfers						
From other provinces	37,609,750	18,012,942	42,734,557	21,173,944	55,461,807	25,179,682
Gross receipts--Total	127,399,121	70,641,702	147,101,875	76,594,134	172,043,821	83,857,543
DISPOSITION						
Net Deliveries						
To refineries	6,595,163	5,465,649	4,568,542	3,604,914	4,167,196	2,099,885
To other carriers	605,202	-	-	-	-	-
To bulk plants and terminals	71,510,713	64,159,298	83,822,066	70,041,726	95,141,001	78,178,273
For export	5,052,811	1,022,951	5,788,495	1,618,561	7,060,699	2,362,000
To other	6,235,972	-	10,129,398	1,297,227	9,713,861	1,193,116
Net deliveries--Total	89,999,861	70,647,898	104,308,501	76,562,428	116,082,757	83,833,274
Transfers						
To other provinces	37,609,750	-	42,734,557	-	55,461,807	-
Gross deliveries--Total	127,609,611	70,647,898	147,043,058	76,562,428	171,544,564	83,833,274
Pipe line fuel and use	1,366	-	1,367	-	1,365	-
Line losses and unaccounted for	75,601	9,278	-89,239	-1,494	-1,130,337	-7,585
Inventory changes	-287,457	-15,474	146,689	33,200	1,628,229	31,854
Disposition--Total	127,399,121	70,641,702	147,101,875	76,594,134	172,043,821	83,857,543

Table 18.17 (cont'd)

	1972		1973		1974	
	Canada <sup>1</sup>	Ontario	Canada <sup>1</sup>	Ontario	Canada <sup>1</sup>	Ontario
RECEIPTS				barrels		
Net Receipts						
From processing plants	35,044,185	418,940	54,692,470	2,129,264	56,063,907	6,628,714
From refineries and bulk plants	103,469,988	63,573,019	107,996,727	70,126,728	124,579,558	80,266,128
Imports	-	-	-	-	991,794	-
From other carriers	6,974,470	-	7,858,652	-	6,048,592	-
Net receipts--Total	145,488,643	63,991,959	170,547,849	72,255,992	187,683,851	87,886,636
Transfers						
From other provinces	79,753,902	33,303,037	92,067,941	36,175,698	97,443,964	33,161,686
Gross receipts--Total	225,242,545	97,294,996	262,615,790	108,431,690	285,127,815	121,048,322
DISPOSITION						
Net Deliveries						
To refineries	5,809,651	1,966,374	8,149,007	2,104,830	8,961,292	3,491,949
To other carriers	694,117	-	-	-	-	-
To bulk plants and terminals	121,744,258	94,244,663	133,855,347	103,517,470	140,935,390	109,408,946 <sup>2</sup>
For export	6,331,776	1,080,151	9,873,774	2,557,796	19,617,118	7,958,803 <sup>2</sup>
To other	11,560,360	-	18,292,027	-	16,950,595	-
Net deliveries--Total	146,140,162	97,291,188	170,170,155	108,180,096	186,464,395	120,859,698
Transfers						
To other provinces	79,753,902	-	92,067,941	-	97,443,964	-
Gross deliveries--Total	225,894,064	97,291,188	262,238,096	108,180,096	283,908,359	120,859,698
Pipe line fuel and use	1,369	-	12,727	-	1,365	-
Line losses and unaccounted for	-289,106	615	-25,670	-11,648	261,002	-18,552
Inventory changes	-363,782	3,193	390,637	276,064	957,089	207,176
Disposition--Total	225,242,545	97,294,996	262,615,790	108,431,690	285,127,815	121,048,322

1) Includes movements and inventory changes in Manitoba and the United States.

2) Includes 1,218,478 barrels of U.S. liquefied petroleum gas re-exported.

Source: SC, Oil Pipeline Transport.

Table 18.18

## RECEIPTS AND DISPOSITION OF NATURAL GAS UTILITIES, CANADA AND ONTARIO, 1969 - 1974

	1969		1970	
	Canada	Ontario	Canada	Ontario
		Thousand	Cubic Feet	
RECEIPTS				
By transport systems				
Fields	100,243,802	-	121,656,522	-
Processing plants	1,190,429,675	-	1,389,837,147	-
By distribution systems				
Fields				
Processing plants	173,015,236	11,332,097	178,275,601	17,063,893
Total	142,729,162	-	148,076,831	-
Imports	1,606,417,875	11,332,097	1,837,846,101	17,063,893
Other receipts <sup>1</sup>	34,935,563	34,823,261	10,859,981	10,751,231
Total net receipts	883,288	2,177	1,442,595	18,211
Received from storage	1,642,236,726	46,157,535	1,850,148,677	27,833,335
Total supply of gas utilities	65,024,170	56,837,037	70,359,143	60,798,910
Transfers from	1,707,260,896	102,994,572	1,920,507,820	88,632,245
Other provinces	...	407,736,092	...	525,083,792
Total gross receipts	1,707,260,896	510,730,664	1,920,507,820	613,716,037
DISPOSITION				
Sales				
Residential	231,464,921	96,663,203	241,793,037	101,238,857
Commercial	168,419,747	71,498,983	186,144,627	80,899,172
Industrial	444,828,717	183,298,752	489,503,215	223,862,276
Total sales	844,713,385	351,460,938	917,440,879	406,000,305
Exports	680,109,395	16,460,009	779,497,257	33,637,598
Other deliveries	13,297,187	17,665	6,590,111	221,073
Total net deliveries	1,538,119,967	367,938,612	1,703,528,247	439,858,976
Delivered to storage	66,300,359	55,249,738	93,088,213	80,799,653
Line pack fluctuation	3,621,619	41,703	4,395,422	126,133
Gas used in system	75,325,254	27,570,462	88,368,802	33,231,224
Line losses and unaccounted for	23,893,697	6,286,546	31,127,136	5,699,910
Total demand on gas utilities	1,707,260,896	457,087,061	1,920,507,820	559,715,901
Transfers to				
Other provinces	...	53,643,603	...	54,000,136
Total disposition	1,707,260,896	510,730,664	1,920,507,820	613,716,037

Table 18.18 (cont'd)

	1971		1972	
	Canada	Ontario Thousand Cubic Feet	Canada	Ontario
RECEIPTS				
By transport systems				
Fields	130,802,590	-	133,310,189	-
Processing plants	1,551,993,534	-	1,826,374,098	-
By distribution systems				
Fields				
Processing plants	191,272,314	16,259,718	214,574,632	12,299,693
Total	153,981,011	-	124,297,227	-
Imports	2,028,049,449	16,259,718	2,298,556,146	12,299,693
Other receipts <sup>1</sup>	14,348,756	14,235,793	15,693,261	15,567,038
Total net receipts	355,422	6,513	4,708,129	7,335
Received from storage	2,042,753,627	30,502,024	2,318,957,536	27,874,066
Total supply of gas utilities	97,363,409	87,734,801	99,301,850	88,884,990
Transfers from	2,140,117,036	118,236,825	2,418,259,386	116,759,056
Other provinces	...	550,547,886	...	634,590,987
Total gross receipts	2,140,117,036	668,784,711	2,418,259,386	751,350,043
DISPOSITION				
Sales				
Residential	250,796,497	105,106,148	280,811,019	117,085,301
Commercial	206,920,154	93,440,305	241,580,665	113,774,124
Industrial	543,611,973	260,986,049	623,405,461	321,790,372
Total sales	1,001,328,624	459,532,502	1,145,797,145 <sup>3</sup>	552,649,797
Exports	910,778,277 <sup>2</sup>	32,225,671	1,009,404,097	17,739,365
Other deliveries	13,513,789	51,258	27,255,282	18,811
Total net deliveries	1,925,620,690	491,809,431	2,182,456,524	570,407,973
Delivered to storage	93,484,562	78,638,635	104,283,541	76,638,840
Line pack fluctuation	852,868	107,741	3,655,433	450,431
Gas used in system	100,859,310	36,309,773	115,816,152	34,173,455
Line losses and unaccounted for	19,299,606	4,206,162	12,047,736	8,256,962
Total demand on gas utilities	2,140,117,036	611,071,742	2,418,259,386	689,927,661
Transfers to				
Other provinces	...	57,712,969	...	61,422,362
Total disposition	2,140,117,036	668,784,711	2,418,259,386	751,350,043



	1973 <sup>4</sup>		1974 <sup>4</sup>	
	Canada	Ontario	Canada	Ontario
RECEIPTS		Million Cubic Feet		
By transport systems				
Fields	135,317	-	137,225	-
Processing plants	1,963,803	-	1,907,385	-
By distribution systems				
Fields				
Processing plants	214,779	9,441	235,378	7,404
Total	129,536	-	139,171	-
Imports	2,443,435	9,441	2,419,159	7,404
Other receipts <sup>1</sup>	14,823	14,736	13,408	13,376
Total net receipts	29,183	26	20,266	7
Received from storage	2,487,441	24,203	2,452,833	20,787
Total supply of gas utilities	74,504	63,610	101,076	91,555
Transfers from	2,561,945	87,813	2,553,909	112,342
Other provinces	...	718,192	...	768,176
Total gross receipts	2,561,945	806,005	2,553,909	880,518
DISPOSITION				
Sales				
Residential	271,799	111,834	292,961	124,230
Commercial	245,653	116,994	275,431	137,586
Industrial	711,987	350,317	745,929	389,384
Total sales	1,229,439	579,145	1,314,321	651,200
Exports	1,027,312	13,197	959,187	13,148
Other deliveries	37,652	9	27,738	35
Total net deliveries	2,294,401	592,351	2,301,246	664,383
Delivered to storage	131,669	106,412	135,674	98,807
Line pack fluctuation	1,252	198	2,299	65
Gas used in system	120,569	26,640	100,409	23,167
Line losses and unaccounted for	14,054	12,498	14,281	10,886
Total demand on gas utilities	2,561,945	738,099	2,553,909	797,308
Transfers to				
Other provinces	...	67,906	...	83,210
Total disposition	2,561,945	806,005	2,553,909	880,518

1) Includes peak shaving and enrichment.

2) Does not include 1,436,747 thousand cubic feet of liquid natural gas imported by motor carrier.

3) Does not include 38,340 thousand cubic feet of liquid natural gas imported by motor carrier.

4) Figures for 1973 and 1974 are in millions of cubic feet.

Source: SC, Gas Utilities.





Section 19

## MANUFACTURING



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## HIGHLIGHTS

### Principal Manufacturing Statistics

The number of manufacturing establishments in Ontario has remained fairly constant since 1950. In 1973, 12,395 establishments were recorded, representing a 3 per cent decrease since 1950. The number of total employees, on the other hand, jumped from 566,500 in 1950 to 872,700 in 1973, an increase of 54 per cent.

The value of shipments of goods of own manufacture, rose by 328.3 per cent between 1950 and 1972 to reach \$29.2 billion. Preliminary data for 1973 show that the increase over 1972 was 17.5 per cent.

Metal fabricating with 2,099 establishments, and food and beverage with 1,731 had the most establishments of any Ontario industry group in 1972, representing 16 per cent and 13 per cent, respectively, of the total number of establishments. The transportation equipment and food and beverage industry groups employed the highest number of the total workforce of 821,614; transportation equipment employed 12 per cent and food and beverage 10 per cent of the total.

In 1972, of the 12,589 manufacturing establishments, incorporated companies controlled about 75 per cent, individual owners controlled about 19 per cent, and partnerships and co-operatives controlled about 6 per cent.

Of the forty leading manufacturing industries in Ontario in 1972, motor vehicle manufacturers, with only 9 establishments, leads in terms of value of manufacturing materials and manufacturing shipments. Manufacturing materials amounted to \$2.8 billion or 17 per cent of the Ontario total, and manufacturing shipments \$3.6 billion or 12 per cent of the Ontario total.

### Selected Production Statistics

In 1960, the total number of motor vehicles produced amounted to 397,739; by 1967 this figure had reached 919,508, an increase of 131 per cent; and by 1974 it had reached almost 1.5 million, an increase of 65.8 per cent over 1967. Of the 1974 total production, passenger cars accounted for 76.4 per cent; and motor trucks and buses, 23.6 per cent.

Ontario continues to produce a substantially greater amount of steel ingots and steel castings for all industries than any other region of Canada. In 1968 Ontario's share of total Canadian production was 83 per cent, this level of production being maintained to 1972. The production of steel ingots and steel castings in Ontario rose by 14.6 per cent between 1968 and 1972 to reach 10.8 million net tons.

In 1974, secondary industries accounted for 86.5 per cent and primary industries for 13.5 per cent of the total value added in goods-producing industries in Ontario. Manufacturing accounted for 70.8 per cent, followed by construction with 15.7 per cent, mining with 4.6 per cent, and electric power with 3.6 per cent of the total value added in goods-producing industries.

In 1974, Ontario's value added in goods-producing industries represented 40.3 per cent of Canada's total. Ontario's secondary industries accounted for 47.9 per cent, and primary industries for 19.9 per cent of the national total.

## DEFINITIONS

### *Establishment*

Smallest operating unit capable of reporting certain specified input and output data; usually a plant or mill.

### *Cost of Materials and Supplies, Fuel and Electricity*

Generally, consumption of purchased items only, at laid-down cost. Includes intercompany and intra-company transfers, contract work by others, fuel used by vehicles.

### *Value of Shipments of Goods of Own Manufacture*

Goods made by reporting establishment, or for its account, from its own materials, net of discounts, returns, allowances, sales tax, excise taxes and duties, returnable containers, common or contract carriers' charges for outward transportation (but not of own carriers' delivery expense). Includes repair and custom revenue, transfers to reporting units of same firm, all exports, book value of own products shipped on rental basis. Unsold domestic consignment shipments are included in inventory. In fabricated structural metal industry, aircraft and aircraft parts manufacturers, railroad rolling stock industry and shipbuilding and repair, value of production is shown in place of shipments in tables on principal statistics. Integrated smelters' work on own ore valued at imputed charge to mine.

### *Value Added*

Net output as measured by gross output less purchased commodity inputs used.

- (a) Value added manufacturing activity: Value of shipments of goods of own manufacture plus net change in inventory of goods in process and finished goods, less cost of materials and supplies used, fuel and electricity.
- (b) Value added, total activity: Consists of (1) value added, manufacturing activity and (2) value added, non-manufacturing activity. The latter is calculated by subtracting relevant commodity inputs from non-manufacturing revenues or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Non-manufacturing revenues include depreciable fixed assets produced by own work force for own use, revenue from product rentals, etc., but exclude non-operating revenue such as real property rentals, dividend interest.

### *Employees, Salaries and Wages*

Salaries and wages are reported before deductions for income tax and employee benefits and comprise all man-hours paid (for regular work, overtime and paid leave) as well as bonuses, commissions, etc., paid to regular employees. Where shown, production and related workers classified to non-manufacturing activity include separately reported loggers, employees on construction for own use beginning with the 1970 Census outside pieceworkers formerly included for certain industries are excluded from all employment totals and their remuneration treated as contract work done by others. Sales and distribution employees include all personnel charged to selling expense, certain drivers, etc.

Table 19.1

PRINCIPAL STATISTICS OF MANUFACTURING, ONTARIO, 1950 - 1973<sup>1</sup>

	Estab- lish- ments Number	Total Employees <sup>2</sup> 000's	Salaries and Wages <sup>2</sup> \$ Million	Value Added by Manufacture \$ Million	Value of Shipments of Goods of own Manufacture <sup>3</sup> \$ Million
1950	12,809	566.5	1,413.0	3,068.1	6,823.0
1951	13,025	599.4	1,669.4	3,569.4	8,074.7
1952	13,172	609.7	1,844.2	3,811.1	8,372.2
1953	13,114	634.6	2,018.0	4,130.1	8,876.5
1954	13,178	598.9	1,954.8	3,930.7	8,533.2
1955	13,276	613.9	2,088.9	4,426.7	9,617.6
1956	13,215	641.2	2,310.6	4,868.6	10,655.1
1957	12,162	636.2	2,410.3	...	10,811.1
1958	11,858	599.0	2,391.4	4,740.8	10,579.5
1959	11,727	609.1	2,544.7	5,229.8	11,438.4
1960	12,090	594.3	2,557.4	5,215.2	11,479.3
1961	12,419	638.7	2,859.6	5,244.8	11,563.7
1962	12,585	662.5	3,078.5	5,815.1	12,919.5
1963	12,489	690.5	3,335.6	6,369.5	14,262.2
1964	12,781	728.9	3,666.8	7,067.0	15,843.2
1965	12,766	774.4	4,100.2	7,881.8	17,675.9
1966	12,986	820.4	4,571.7	8,648.2	19,452.6
1967	13,076	818.2	4,822.2	9,032.1	20,259.7
1968	12,932	810.8	5,171.2	9,714.9	21,942.6
1969	12,971	825.5	5,660.9	10,637.0	23,847.8
1970	12,736	806.6	5,942.5	10,524.7	24,009.6
1971	12,740	800.0	6,326.5	11,596.5	26,270.6
1972	12,589	821.6	6,989.6	12,869.8	29,225.0
1973 <sup>P</sup>	12,395	872.7	7,945.0	15,071.6	34,344.1

1) From 1957 onward data are based on Revised Standard Industrial Classification and New Establishment Concept and are not strictly comparable with earlier statistics. From 1961 onward data embody revisions or classification changes; for description of these changes see the 1962 and 1964 issue of Statistics Canada catalogue "Manufacturing Industries of Canada: Section A, Summary for Canada".

2) Beginning with the 1961 data, some statistics are compiled for "Manufacturing activity" and others for "Total Activity". "Total Activity" includes non-manufacturing activities of manufacturing establishments and activities of separate head offices, sales offices and auxiliary units. "Total Employees" and "Salaries and Wages" in the 1961 and subsequent years' data are thus not comparable with earlier statistics under the same headings.

3) Prior to 1952, the basis of collection was gross value of products.

Source: SC, Manufacturing Industries of Canada, Ontario.

Table 19.2  
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY GROUP, ONTARIO, 1972

	Manufacturing Activity						Cost of Cost of			Value of	
	Production and Related Workers			Manhours			Fuel & Materials			Shipments	
	Estab- lish- ments	Male	Female	Wages	Paid	Manhours	Electricity	and Sup- plies	Used	Manufac- ture	Value Added
					\$ Million	Million				\$ Million	
Food and Beverage	1,731	37,229	16,014	374.3	112.1	47.4	2,576.4	4	142.5	1,543.0	
Tobacco Product	13	1,605	986	18.6	5.1	1.1	206.9		339.3	116.5	
Rubber	348	16,282	7,250	170.8	49.5	14.3	411.6		907.6	494.8	
Leather	167	4,613	5,952	54.7	22.1	2.0	114.1		217.4	103.2	
Textile Mills	377	13,258	12,057	156.9	53.0	13.5	432.9		841.4	394.6	
Knitting Mills	94	1,861	4,537	29.0	13.3	1.4	58.4		122.4	61.8	
Clothing	448	4,541	15,907	94.0	41.2	1.1	166.2		349.7	185.3	
Wood	733	13,853	1,605	94.4	32.9	7.9	222.3		449.7	218.7	
Furniture and Fixture	860	14,184	3,793	111.2	38.1	4.0	227.9		475.4	247.6	
Paper and Allied	300	28,929	4,839	279.2	72.0	69.2	753.5		1,484.0	664.2	
Printing, Publishing and Allied	1,606	18,303	5,954	197.9	48.8	5.9	311.1		955.3	641.7	
Primary Metal	211	53,211	1,212	507.2	114.5	99.3	1,218.3		2,552.5	1,237.1	
Metal Fabricating	2,099	53,800	7,111	486.4	130.1	24.8	1,145.8		2,347.6	1,193.4	
Machinery	546	31,722	2,681	288.1	72.3	11.6	863.5		1,557.1	695.4	
Transportation Equipment	391	72,776	7,691	771.0	175.6	39.1	4,197.8		6,191.2	1,982.9	
Electrical Products	457	31,154	20,564	348.8	106.5	14.7	1,074.5		2,102.0	1,056.6	
Non-Metallic Mineral Products	520	18,016	1,751	166.5	43.4	49.1	319.9		849.0	484.6	
Petroleum and Coal Products	33	1,997	4	25.2	4.7	9.5	563.3		737.7	161.7	
Chemical and Chemical Products	574	16,543	4,392	174.6	44.5	68.6	791.1		1,761.9	905.8	
Miscellaneous Manufacturing	1,081	15,213	10,542	158.7	53.0	7.2	364.7		841.1	480.8	
TOTAL	12,589	449,090	134,842	4,507.4	1,232.7	491.7	16,020.2		29,225.0	12,869.8	



Table 19.2 (cont'd)

	Total Activity				Cost of			
	Employees		Total Employees		Materials, Supplies and Goods		Value of Shipments and Value	
	Administrative, Office and Other Non-Manufacturing Employees				for Resale		Other Revenue Added	
	Male	Female	Salaries	Number	Salaries and Wages			
	\$ Million				----- \$ Million -----			
Food and Beverage	23,459	7,301	291.3	84,003	665.6	2,962.0	4,613.8	1,631.1
Tobacco Product	682	210	9.6	3,483	28.2	209.8	343.2	117.5
Rubber	6,290	2,110	84.1	31,932	254.9	528.5	1,058.1	530.7
Leather	1,111	700	16.5	12,376	71.2	133.0	240.2	106.8
Textile Mills	3,926	1,816	54.9	31,057	211.8	479.4	895.6	405.2
Knitting Mills	544	458	9.9	7,400	38.9	60.2	123.7	61.4
Clothing	1,517	1,333	28.4	23,298	122.4	180.5	368.1	189.3
Wood	2,471	669	30.1	18,598	124.5	243.1	474.5	223.4
Furniture and Fixture	2,763	1,470	40.0	22,210	151.2	261.6	515.9	254.4
Paper and Allied	7,912	2,900	116.6	44,580	395.8	802.1	1,550.3	682.0
Printing, Publishing and Allied	11,592	7,838	178.2	43,687	376.1	358.9	1,022.9	662.8
Primary Metal	12,656	2,644	188.1	69,723	695.3	1,271.5	2,623.4	1,256.0
Metal Fabricating	13,843	5,120	196.1	79,874	682.5	1,296.4	2,540.9	1,238.5
Machinery	13,934	4,023	175.7	52,360	463.8	1,059.8	1,867.5	809.2
Transportation								
Equipment	20,556	4,365	310.0	105,388	1,081.0	6,106.2	8,577.2	2,476.9
Electrical Products	20,214	6,855	271.3	78,787	620.1	1,521.8	2,675.9	1,189.9
Non-Metallic Mineral Products	5,153	1,565	72.2	26,485	238.7	396.3	942.9	502.8
Petroleum and Coal Products	4,315	2,177	82.0	8,493	107.2	595.4	767.3	159.0
Chemical and Chemical Products	14,326	5,332	212.8	40,593	387.4	1,036.8	2,106.4	1,002.2
Miscellaneous								
Manufacturing	7,409	4,120	114.6	37,284	273.3	488.8	1,030.0	551.0
TOTAL	174,676	63,006	2,482.2	821,614	6,989.6	19,991.9	34,337.8	14,050.1

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Ontario Statistical Centre.



Establishments	Production and Related Workers			Manufacturing Activity				
	Male	Female	Wages	Man-hours Paid	Cost of			Value of
					Fuel and	Materials and	Shipments of Own	
					Elec- tricity	Supplies Used	Manu- facture	Value Added
	\$ Million			-----\$ Million-----				
75	1,867	616	16.3	5.4	1.3	109.0	155.8	41.5
Norfolk								
86	1,723	793	17.1	5.2	1.4	65.5	146.3	82.0
Northumberland								
256	17,097	3,008	192.1	44.3	12.6	1,014.3	1,574.4	555.1
Ontario								
297	5,495	1,811	53.7	15.4	4.3	149.1	312.0	165.3
Ottawa-Carleton <sup>1</sup>								
161	5,715	2,054	50.1	15.7	8.1	175.8	329.8	144.3
Oxford								
40	630	85	4.5	1.5	0.6	12.0	26.6	13.1
Parry Sound								
575	22,503	5,871	223.9	59.4	19.9	834.7	1,556.1	705.7
Peel								
126	4,429	2,300	41.9	13.9	4.9	147.3	265.8	115.8
Peterborough								
113	5,300	1,102	51.8	13.4	2.6	114.9	253.2	143.5
Peterscott								
44	1,161	598	11.2	3.7	1.7	35.0	63.7	28.5
Prince Edward								
32	428	187	3.5	1.3	2.6	13.0	32.1	16.8
Renfrew								
114	2,859	1,377	23.9	8.9	2.6	55.2	119.6	63.0
Russell								
14	64	1	0.3	0.1	0.04	4.0	4.9	0.8
Simcoe								
243	7,929	4,261	75.0	25.1	5.5	224.2	492.2	264.3
Stormont								
78	4,016	944	36.6	11.0	10.5	113.2	212.2	89.1
Sudbury								
94	7,968	119	70.4	16.5	28.3	65.7	244.7	149.3
Thunder Bay								
112	7,052	473	63.4	15.7	24.0	169.9	355.5	157.6
Timiskaming								
47	776	70	5.3	1.8	0.5	13.6	27.7	13.4
Victoria								
60	1,322	699	11.3	4.1	1.0	31.8	60.6	28.0
Waterloo								
596	26,459	11,269	263.6	78.7	16.6	771.1	1,444.5	673.8
Wellington								
230	6,185	2,564	57.2	17.8	5.9	213.5	427.1	210.2
Wentworth								
548	41,617	5,785	409.3	98.1	53.9	1,164.6	2,348.1	1,136.0
York								
4,812	117,003	53,677	1,220.7	358.9	73.4	3,857.0	7,474.0	3,618.8
York <sup>1</sup>								
349	7,847	3,164	76.2	23.4	5.1	250.8	488.6	235.4

Table 19.3 (cont'd)

Estab- lish- ments	Total Activity							
	Employees - Administrative			Total Employees		Cost of Value of		Value Added
	Office and Other Non- Manufacturing Employees		Salaries Paid	Number	Materials, Shipments Supplies & and other Goods for Revenue			
	Male	Female			Salaries & Wages Resale	----- \$ Million -----		
			\$ Million					
Algoma	2,474	449	36.5	11,928	127.2	171.4	378.7	189.6
Brant	2,979	1,191	39.0	14,865	116.5	308.0	541.1	225.1
Bruce	262	78	2.6	1,954	11.2	45.2	68.3	22.7
Cochrane	576	138	7.1	4,584	40.1	72.0	152.5	72.7
Dufferin	37	131	1.7	807	5.3	18.2	28.8	12.4
Dundas	216	88	2.7	1,394	9.4	53.2	90.3	37.7
Durham	523	160	7.0	2,649	21.3	40.7	86.1	42.0
Elgin	1,179	306	17.2	8,073	73.2	595.4	692.7	97.9
Essex	6,695	1,773	105.1	37,282	394.1	1,844.2	2,818.9	958.4
Frontenac	1,403	314	18.1	5,951	53.0	141.1	249.6	103.5
Glengarry	138	33	1.4	1,037	6.1	32.9	48.0	14.6
Grenville	620	188	9.1	3,217	26.7	117.3	199.4	83.1
Grey	886	310	10.7	5,913	38.9	80.5	153.5	71.7
Halimand	225	91	2.5	2,313	14.2	40.4	80.4	37.8
Haliburton	46	8	0.3	264	1.6	1.9	5.1	3.0
Halton	4,768	1,538	74.2	22,710	216.2	1,906.3	2,537.8	657.4
Hastings	1,873	745	22.7	9,985	68.2	144.9	296.6	149.4
Huron	515	213	6.0	3,466	21.7	72.6	115.4	43.4
Kenora (Terri- torial District)	367	125	5.0	3,373	31.7	65.3	137.5	61.8
Kent	1,585	468	21.3	11,212	92.9	304.4	494.8	180.8
Lambton	3,207	691	50.7	11,014	126.5	566.2	887.8	278.9
Lanark	600	291	7.8	3,910	24.1	62.1	114.7	52.3
Leeds	1,376	469	17.5	5,093	40.4	148.3	235.1	85.0
Lennox-Addington	350	99	4.4	2,344	17.6	30.8	65.0	32.0
Manitoulin	7	6	0.1	26	0.2	0.4	0.6	0.2
Middlesex	5,437	1,833	12.6	24,204	195.6	492.7	911.5	417.5
Muskoka	229	63	2.9	1,393	10.0	28.3	55.1	26.2
Niagara 1	7,316	2,094	104.2	40,255	377.8	713.4	1,456.6	700.8
Nipissing	589	166	7.1	2,995	23.3	42.8	87.4	41.4

Estab- lish- ments	Total Activity							
	Employees - Administrative				Cost of Value of			
	Office and Other Non-		Total Employees		Materials, Shipments		Supplies and other	
	Male	Female	Salaries Paid	Salaries & Goods for Resale	Number	Salaries & Goods for Resale	Revenue	Value Added
			\$ Million				-----\$ Million-----	
	75	471	161	5.9	3,115	22.2	116.2	165.2
Norfolk	86	469	194	6.3	3,179	23.4	69.8	44.1
Northumberland	256	5,386	1,446	81.3	26,937	273.4	1,646.7	151.8
Ontario	297	4,662	1,564	58.3	13,532	112.0	173.9	2,352.0
Ottawa-Carleton <sup>1</sup>	161	1,875	724	23.5	10,368	73.6	195.6	695.9
Oxford	40	138	42	1.5	895	6.0	12.7	174.9
Parry Sound	575	11,313	3,344	156.5	43,031	380.4	1,041.1	146.4
Peel	126	1,383	550	17.8	8,662	59.7	160.6	13.2
Perth	113	2,761	817	37.2	9,980	89.0	147.0	762.4
Peterborough	44	206	74	2.6	2,039	13.8	37.3	119.1
Prescott	32	78	26	0.9	719	4.4	14.6	172.7
Prince Edward	114	755	288	9.2	5,279	33.1	60.1	28.6
Renfrew	14	5	3	0.1	73	0.4	4.0	17.6
Russell	243	2,223	810	27.8	15,223	102.8	252.4	64.4
Simcoe	78	895	342	11.5	6,287	48.1	127.0	5.0
Stormont	94	3,134	440	40.8	11,661	111.2	78.0	269.1
Sudbury	112	1,287	373	17.3	9,185	80.7	182.8	526.0
Thunder Bay	47	238	58	2.3	1,142	7.6	14.8	93.6
Timiskaming	60	339	137	3.8	2,479	15.1	35.4	153.8
Victoria	596	8,347	2,993	107.7	49,068	371.3	865.0	368.7
Waterloo	230	2,140	746	27.3	11,635	84.5	237.3	29.3
Wellington	548	13,070	4,067	187.4	64,539	596.7	1,316.3	65.5
Wentworth	4,812	64,173	28,653	959.3	263,506	2,180.0	4,769.8	1,560.0
York <sup>1</sup>	349	2,756	1,174	39.2	14,941	115.4	292.7	8,707.3
York								3,955.4
								250.3

<sup>1</sup> Classified as Regional Municipality.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Ontario Statistical Centre.

Table 19.4  
PRINCIPAL MANUFACTURING STATISTICS BY TYPE OF OWNERSHIP, ONTARIO, 1972

	Individual Ownership	Partner- ships	Incorporated Companies	Co-operatives	Total
MANUFACTURING ACTIVITY					
Establishments	2,378	743	9,408	60	12,589
Production and Related Workers					
Male	3,141	2,502	441,793	1,654	449,090
Female	1,481	1,334	131,763	264	134,842
Wages (\$ million)	25.2	21.3	4,447.9	13.0	4,507.4
Manhours paid (\$ million)	9.7	7.9	1,211.4	3.7	1,232.7
----- \$ million -----					
Cost of Fuel and Electricity (\$ million)	0.7	1.5	488.4	1.2	491.7
Cost of Materials and Supplies Used (\$ million)	62.7	62.8	15,796.1	98.6	16,020.2
Value of Shipments of Own Manufacture (\$ million)	120.0	119.3	28,859.1	135.8	29,225.0
Value Added (\$ million)	56.7	55.5	12,721.0	36.6	12,869.8
TOTAL ACTIVITY					
Establishments	2,378	743	9,408	60	12,589
Employees, Administrative, Office and Other Non-Manufacturing Employees					
Male Administration	178	273	173,470	755	174,676
Female Administration	156	225	62,414	211	63,006
Salaries Paid (\$ million)	1.8	4.1	2,468.1	83	2,482.2
Total Employees (Number)	4,956	4,334	809,440	2,884	821,614
Salaries and Wages (\$ million)	27.0	25.4	6,916.0	21.3	6,989.7
Cost of Materials, Supplies and Goods for Resale (\$ million)	64.3	72.0	19,711.9	143.9	19,991.9
Value of Shipments and Other Revenue (\$ million)	122.0	129.9	33,899.3	186.7	34,337.8
Value Added (\$ million)	57.2	56.9	13,894.3	41.7	14,050.1

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Ontario Statistical Centre.

Table 19.5

## PRINCIPAL STATISTICS OF THE FORTY LEADING INDUSTRIES, CANADA AND ONTARIO, 1972

CANADA	Rank <sup>1</sup>	Industry	Estab- lish- ments	Total Produc- tion Workers	Wages	Manu- facturing Materials	Manu- facturing Shipments	Manu- facturing Value Added
						-\$'000's		
	1	Motor Vehicle Manufacturers	22	30,580	332,725	3,124,163	4,033,647	906,774
	2	Pulp and Paper Mills	141	61,196	594,291	1,483,871	3,127,821	1,374,129
	3	Slaughtering and Meat Processors	468	23,093	184,313	2,121,848	2,551,415	428,649
	4	Petroleum Refining	41	5,870	69,977	1,908,001	2,361,709	431,301
	5	Motor Vehicle Parts and Accessories Manufacturers	211	37,921	342,238	1,028,599	1,903,161	866,628
	6	Iron and Steel Mills	48	38,378	369,891	923,729	1,900,799	909,369
	7	Sawmills and Planing Mills	1,567	49,387	370,195	1,004,018	1,893,573	864,865
	8	Dairy Products Industry	731	13,710	94,634	1,163,721	1,573,723	392,058
	9	Miscellaneous Machinery and Equipment Manufacturers	759	35,177	289,285	731,996	1,454,351	717,137
	10	Smelting and Refining	26	23,509	210,030	359,104	977,961	530,569
	11	Miscellaneous Food Processors	281	11,158	75,424	510,593	905,876	395,040
	12	Metal Stamping and Pressing Industry	528	17,780	137,972	487,611	878,511	390,904
	13	Commercial Printing	2,150	29,771	220,939	338,317	859,656	517,498
	14	Communications Equipment Manufacturers	228	22,373	146,256	288,708	755,763	470,668
	15	Rubber Products Industries	104	16,841	132,968	316,076	722,630	410,137
	16	Publishing and Printing	644	14,793	129,736	159,273	680,214	516,348
	17	Feed Industry	731	5,443	33,861	521,107	667,028	140,060
	18	Men's Clothing Factories	462	31,465	145,953	336,865	621,140	289,905
	19	Women's Clothing Factories	598	27,702	125,099	345,001	607,101	266,626
	20	Plastics Fabricating Industry	590	19,235	112,648	280,722	594,682	309,734
	21	Wire and Wire Products Manufacturers	265	13,497	106,528	296,900	560,523	261,988
	22	Miscellaneous Metal Fabricating Industries	488	16,269	115,671	268,348	557,952	289,510
	23	Bakeries	1,768	19,075	109,174	241,596	540,371	287,709



Table 19.5 (cont'd)

CANADA	Rank <sup>1</sup>	Industry	Estab- lish- ments	Total produc- tion Workers	Wages	Manu- facturing Materials	Manu- facturing Shipments	Manu- facturing Value Added
					----- \$'000's -----			
	24	Manufacturers of Electrical Industrial Equipment	176	14,590	104,445	230,578	525,868	297,712
	25	Fruit and Vegetable Canners and Preservers	215	10,628	59,200	310,161	523,353	205,487
	26	Household Furniture Manufacturers	667	21,233	117,900	238,409	492,510	254,712
	27	Aircraft and Aircraft Parts Manufacturers	96	13,979	120,333	188,736	486,948	293,733
	28	Breweries	42	5,676	54,976	121,536	484,770	358,528
	29	Manufacturers of Industrial Chemicals (Organic)	35	5,323	57,891	232,933	483,330	199,900
	30	Manufacturers of Pharmaceuticals and Medicines	141	5,837	38,888	145,629	462,677	317,481
	31	Miscellaneous Paper Converters	231	10,784	71,256	238,610	453,020	212,992
	32	Fabricated Structural Metal Industry	156	12,498	118,026	198,631	450,445	247,728
	33	Fish Products Industry	350	17,479	74,849	269,302	444,494	172,400
	34	Distilleries	29	3,272	29,855	128,364	443,369	323,712
	35	Miscellaneous Chemical Industries	348	7,534	53,290	212,779	433,667	217,752
	36	Manufacturers of Electric Wire and Cable	35	6,640	54,474	269,884	432,628	161,132
	37	Tobacco Products Manufacturers	17	5,721	47,036	185,811	421,424	234,276
	38	Soft Drink Manufacturers	363	5,778	38,078	193,669	412,921	212,287
	39	Manufacturers of Industrial Chemicals (Inorganic)	90	5,306	50,226	156,005	401,051	204,783
	40	Manufacturers of Major Appliances	33	9,504	66,679	231,239	396,522	171,490
		Total, 40 Leading Industries	15,875	726,005	5,607,211	21,792,443	38,478,605	16,003,712
		Total, All Industries	31,553	1,213,114	8,763,170	31,137,951	56,234,663	24,314,748



Table 19.5 (cont'd)

ONTARIO		Rank <sup>1</sup>	Industry	Estab- lish- ments	Total Produc- tion Workers	Wages	----- \$'000's -----			Manu- facturing Value Added
							Manu- facturing Materials	Manu- facturing Shipments		
1	Motor Vehicle Manufacturers	9	26,653	296,378	2,833,701	3,634,577	802,899			
2	Motor Vehicle Parts and Accessories Manufacturers	165	36,632	333,910	1,010,790	1,866,132	847,081			
3	Iron and Steel Mills	17	29,974	297,624	686,850	1,517,837	778,259			
4	Miscellaneous Machinery and Equipment Manufacturers	450	22,987	189,867	526,945	1,007,314	480,390			
5	Slaughtering and Meat Processors	171	8,566	70,760	737,643	900,018	160,307			
6	Pulp and Paper Mills	37	16,970	157,759	358,824	778,067	355,675			
7	Petroleum Refining	7	1,697	22,501	537,075	691,499	141,273			
8	Metal Stamping and Pressing Industry	279	11,257	89,426	334,991	587,917	251,728			
9	Dairy Products Industry	258	4,528	32,588	415,706	557,508	135,425			
10	Rubber Products Industries	57	11,422	97,456	229,554	523,690	297,391			
11	Communications Equipment Manufacturers	143	14,105	89,294	195,978	483,215	295,682			
12	Commercial Printing	949	15,237	117,073	180,773	467,838	284,744			
13	Manufacturers of Electrical Industrial Equipment	106	11,370	83,410	172,433	412,473	242,221			
14	Miscellaneous Metal Fabricating Industries	293	10,371	74,503	196,608	394,167	198,607			
15	Manufacturers of Industrial Chemicals (Organic)	19	4,237	46,753	189,079	393,978	164,703			
16	Plastics Fabricating Industry	291	12,110	73,325	182,039	383,929	197,372			
17	Fruit and Vegetable Canners and Preservers	113	6,963	41,241	208,925	356,433	143,975			
18	Wire and Wire Products Manufacturers	152	8,606	69,812	186,147	354,203	167,215			
19	Publishing and Printing	246	6,251	56,434	75,118	329,376	251,815			
20	Miscellaneous Paper Converters	126	7,494	52,548	171,621	324,065	151,783			
21	Distilleries	11	1,666	16,554	70,850	281,902	213,332			
22	Manufacturers of Major Appliances	23	6,480	47,290	165,793	276,398	111,976			

Table 19.5 (cont'd)

ONTARIO							
Rank <sup>1</sup>	Industry	Estab- lish- ments	Total Produc- tion Workers	Wages	Manu- facturing Materials \$'000's	Manu- facturing Shipments	Manu- facturing Value Added
23	Manufacturers of Household Radio and T.V. Receivers	15	4,710	27,752	172,685	273,756	114,277
24	Aircraft and Aircraft Parts Manufacturers	37	7,225	64,141	98,723	254,148	153,597
25	Miscellaneous Chemical Industries	172	3,024	21,706	135,249	253,763	117,501
26	Office and Store Machinery Manufacturers	26	4,344	36,121	162,870	246,273	83,950
27	Manufacturers of Pharmaceuticals and Medicines	81	3,437	22,301	73,181	245,708	173,701
28	Instrument and Related Products Manufacturers	96	5,209	37,447	84,843	243,324	156,413
29	Feed Industry	240	2,091	13,711	183,756	242,566	56,979
30	Manufacturers of Soap and Cleaning Compounds	55	2,079	18,791	105,355	240,908	131,699
31	Household Furniture Manufacturers	249	10,255	60,416	117,827	240,454	123,826
32	Hardware, Tool and Cutlery Manufacturers	427	9,316	71,629	77,963	238,517	160,540
33	Agricultural Implement Industry	47	5,457	49,921	127,085	227,596	101,909
34	Manufacturers of Electric Wire and Cable	18	3,356	27,061	144,466	219,803	75,803
35	Bakeries	548	7,515	46,390	98,559	217,661	114,954
36	Fabricated Structural Metal Industry	69	5,614	57,992	85,956	208,333	120,472
37	Smelting and Refining	7	7,791	68,916	41,680	206,167	135,045
38	Automobile Fabric Accessories Industry	18	4,452	36,502	109,590	199,863	91,577
39	Steel Pipe and Tube Mills	13	3,222	29,541	127,445	199,382	67,970
40	Breweries	10	1,875	19,042	42,633	196,499	151,317
	Total, 40 Above Industries	6,157	371,843	3,103,219	11,873,014	21,103,556	9,015,136
	Total, All Industries	12,589	583,932	4,507,383	16,020,244	29,225,024	12,869,826

1) Rank relates only to industries for which data can be published.

Source: SC, Manufacturing Industries of Canada, National and Provincial Areas.

Table 19.6  
MOTOR VEHICLE PRODUCTION, CANADA, 1951-1974

	Passenger Cars Production	Motor Trucks and Buses Production	Total Production
1951-1955	1,589,765	550,288	2,139,794
1956	374,727	96,623	471,350
1957	340,381	73,196	413,577
1958	297,373	59,045	356,418
1959	301,435	66,504	367,939
1960	325,785	71,954	397,739
1961	323,638	63,285	386,923
1962	424,581	80,606	505,187
1963	532,243	99,113	631,356
1964	559,603	111,387	670,990
1965	706,810	139,799	846,609
1966	684,547	187,667	872,214
1967	708,281	211,227	919,508
1968	889,386	260,832	1,150,218
1969	1,025,994	300,484	1,326,478
1970	923,437	236,067	1,159,504
1971	1,083,201	263,564	1,346,765
1972	1,135,702	294,382	1,430,084
1973	1,227,432	347,388	1,574,820
1974	1,165,635	359,239	1,524,874

Source: SC, Motor Vehicle Manufacturers.

Table 19.7  
ANNUAL PRODUCTION OF STEEL INGOTS AND STEEL CASTINGS FOR ALL INDUSTRIES,<sup>1</sup> BY REGION, CANADA,  
1968-1972

	1968	1969	1970	1971	1972
	'000's Net Tons -----				
Canada	11,198.4	10,047.6	12,249.7	12,177.3	13,066.7
Ontario	9,400.7	7,960.2	10,129.4	10,010.2	10,768.2
Atlantic Provinces	896.5	1,016.2	1,045.8	929.4	708.8
Quebec	383.8	432.3	379.9	495.5	749.3
Prairie Provinces	392.5	487.3	529.0	624.7	688.6
British Columbia	124.9	151.6	165.5	117.4	151.3

1) Includes details from other industries which manufacture as a secondary activity commodities such as steel ingots and steel castings.

Source: SC, Primary Iron and Steel Industry.

Table 19.8

GROSS NATIONAL PRODUCT AND  
INDEX OF INDUSTRIAL PRODUCTION<sup>1</sup>, CANADA, 1952 - 1974

Gross National Product <sup>2</sup>		Total	Index of Industrial Production				Electric Power, Gas and Water Utilities
			Manufacturing			Mining	
			Total	Non- Durable	Durable		
	\$ Million Annual Rate		-----1961 = 100 -----				
1952	24,588	65.3	71.5	66.2	78.0	46.5	44.5
1953	25,833	70.1	76.6	70.8	84.0	50.6	46.7
1954	25,918	70.0	74.9	71.9	78.7	56.1	51.1
1955	28,528	77.7	82.2	77.2	88.6	66.4	57.9
1956	32,058	85.8	89.9	83.5	98.0	77.1	64.6
1957	33,513	87.2	89.7	85.5	95.1	84.6	69.5
1958	34,777	86.7	88.0	86.9	89.5	86.0	76.3
1959	36,846	94.2	94.5	92.9	96.5	97.3	86.6
1960	38,359	96.2	96.1	95.4	97.0	97.4	94.4
1961	39,646	100.0	100.0	100.0	100.0	100.0	100.0
1962	42,927	108.5	109.3	106.1	113.2	106.2	105.3
1963	45,978	115.6	116.7	111.1	123.7	112.1	111.6
1964	50,280	127.0	127.9	119.7	138.3	126.0	120.8
1965	55,364	137.6	139.5	126.2	156.4	131.9	129.9
1966	61,828	146.5	149.3	133.7	169.2	134.2	141.4
1967	66,409	151.5	153.3	136.8	174.1	142.1	151.2
1968	72,586	161.9	163.6	144.0	188.3	152.4	162.8
1969	79,815	172.6	175.4	153.6	203.1	153.5	177.7
1970	85,685	175.3	173.0	154.9	196.0	175.3	194.3
1971	93,307	184.2	181.7	160.5	208.6	182.9	207.6
1972	103,493	198.3	195.8	172.4	225.4	192.2	229.4
1973	118,902	214.8	211.8	184.2	246.7	210.5	247.2
1974	139,493	220.2	217.4	188.6	253.9	207.0	265.6

1) Without seasonal adjustment.

2) Current dollars at market prices.

Source: SC, Indexes of Real Domestic Product by Industry.  
Canadian Statistical Review.

Table 19.9

INDUSTRIAL DISTRIBUTION OF ONTARIO'S COMMODITY PRODUCTION, 1950 - 1974<sup>1</sup>  
INDUSTRIAL STRUCTURE WITHIN ONTARIO: PERCENTAGE DISTRIBUTION OF CENSUS VALUE ADDED IN GOODS PRODUCING INDUSTRIES

	Secondary Industries					Primary Industries					Total
	Total	Manufac- turing	Construc- tion	Total	Electric Power	Mining	Forestry	Fisheries	Trap- ping	Agricul- ture	
1950	81.0	68.0	13.0	19.1	2.4	3.6	2.0	0.1	0.1	10.9	89.1
1951	80.7	67.7	13.0	19.3	2.4	3.4	2.2	0.1	0.1	11.1	88.9
1952	82.5	69.3	13.2	17.6	2.6	3.3	2.1	0.1	0.1	9.4	90.6
1953	84.2	69.3	14.9	15.9	2.8	3.1	1.6	0.1	0.1	8.2	91.8
1954	84.0	67.8	16.2	16.0	3.1	3.4	1.7	0.1	--	7.7	92.3
1955	84.7	69.5	15.2	15.4	3.3	3.5	1.8	0.1	0.1	6.6	93.4
1956	85.2	69.3	15.9	14.7	3.3	3.5	1.8	0.1	--	6.0	94.0
1957	84.5	67.1	17.4	15.4	3.3	4.1	1.7	0.1	--	6.2	93.8
1958	82.9	64.6	18.3	17.1	3.4	5.3	1.2	0.1	--	7.1	92.9
1959	82.9	66.8	16.1	17.1	3.6	6.0	1.4	0.1	--	6.0	94.0
1960	82.2 <sup>2</sup>	66.5 <sup>2</sup>	15.7 <sup>2</sup>	17.8 <sup>2</sup>	3.9	5.7 <sup>2</sup>	1.7	0.1	--	6.4 <sup>2</sup>	93.6 <sup>2</sup>
1961	80.0 <sup>2</sup>	68.0 <sup>2</sup>	12.0	20.0 <sup>2</sup>	4.0	7.1	1.5	0.1	--	7.3 <sup>2</sup>	92.7 <sup>2</sup>
1962	81.4 <sup>2</sup>	69.6 <sup>2</sup>	11.8	18.6 <sup>2</sup>	3.8	6.1	1.3	0.1	--	7.3 <sup>2</sup>	92.7 <sup>2</sup>
1963	83.2 <sup>2</sup>	71.3 <sup>2</sup>	11.9	16.8 <sup>2</sup>	3.7	5.5	0.9 <sup>2</sup>	0.1	--	6.6	93.4
1964	84.0 <sup>2</sup>	72.4 <sup>2</sup>	11.6	15.9 <sup>2</sup>	3.5	5.5	0.8 <sup>2</sup>	0.1	--	6.0	94.0
1965	84.6 <sup>2</sup>	72.8 <sup>2</sup>	11.8	15.4 <sup>2</sup>	3.4	5.1	0.8 <sup>2</sup>	0.1	--	6.0	94.0
1966	85.1	71.4	13.7	14.9	3.3	4.1	0.9	--	--	6.6	93.4
1967	84.9	71.0	13.9	15.1	3.4	5.0	0.8	--	--	5.9	94.1
1968	84.8	71.3	13.5	15.2	3.5	5.3	0.7	--	--	5.7	94.3
1969	85.6	71.9	13.7	14.4	3.5	4.4	0.8	0.1	--	5.6	94.4
1970	84.5	69.6	14.9	15.5	3.9	5.6	0.7	--	--	5.3	94.7
1971	86.6	70.3 <sup>2</sup>	16.3 <sup>2</sup>	13.4	3.9	4.4	0.6	--	--	4.5	95.5
1972	86.0	69.6	16.4	14.0	3.9	4.3	0.6	0.1	--	5.1	94.9
1973	85.5	69.5	16.0	14.5	4.0	4.3	0.7	--	--	5.5	94.5
1974	86.5	70.8	15.7	13.5	3.8	4.6	0.6	--	--	4.5	95.5

1) Adoption of the 1960 Standard Industrial Classification has brought about changes in data for mining and manufacturing from 1959 onward and again in manufacturing from 1961 onward. As a result, the series for these statistics and for totals which include these statistics are discontinuous at 1959 and 1961.

ONTARIO PERCENTAGE OF CANADA CENSUS VALUE ADDED IN GOODS PRODUCING INDUSTRIES										
Year	All-Com- modities- Producing Industries			Secondary Industries			Primary Industries			
	Total	Manufac- turing	Cons- truction	Total	Electric Power	Mining	Fore- stry	Fish- eries	Trap- ping	Non-Agri- cultural Industries
1950	41.2	48.8	51.6	37.9	24.8	34.1	24.6	18.4	7.6	25.8
1951	40.1	48.5	51.4	37.4	23.4	35.0	23.2	17.9	6.9	23.8
1952	39.3	47.5	51.2	34.5	21.7	35.0	23.4	18.8	8.0	20.2
1953	40.8	47.6	51.7	34.8	23.3	36.6	23.3	17.3	7.8	22.6
1954	41.1	46.3	49.7	35.9	26.0	36.8	21.8	17.0	7.2	22.6
1955	40.5	46.8	50.6	34.9	23.3	38.4	20.8	17.2	7.4	23.3
1956	39.9	46.2	50.7	33.4	22.3	39.5	20.1	16.5	7.5	21.5
1957	42.1	47.0	51.4	35.3	26.9	39.3	23.7	19.4	7.4	23.5
1958	42.2	46.7	50.2	37.5	28.8	38.2	30.6	17.0	6.2	25.7
1959	42.2	46.8	51.5	34.0	28.7	37.9	32.6	18.3	4.6	25.2
1960	41.3	46.0	50.3	33.8	27.9	38.0	30.5	19.2	5.0	22.9
1961	42.0	46.7	50.3	33.2	30.0 <sup>2</sup>	37.1	31.6 <sup>2</sup>	17.3	5.2	21.1
1962	41.2	47.5	50.9	34.1	26.1 <sup>2</sup>	26.3	27.2 <sup>2</sup>	15.8	4.1	23.7
1963	41.6	48.5	51.9	34.9	24.4 <sup>2</sup>	35.8	24.5 <sup>2</sup>	17.7	4.2	28.3
1964	42.0	48.5	52.2	33.5	24.7 <sup>2</sup>	35.4	23.6 <sup>2</sup>	16.1	3.5	22.5
1965	42.0	48.4	52.8	31.9	24.4 <sup>2</sup>	35.8	22.3	16.1	4.0	24.6
1966	41.7	48.6	52.9	34.2	23.1 <sup>2</sup>	35.4	19.1 <sup>2</sup>	17.3	3.4	29.0
1967	42.7	48.7	53.1	34.2	25.2	34.6	22.0 <sup>2</sup>	16.7	3.6	25.0
1968	42.8	49.0	53.0	35.0	25.1	34.6	22.8	15.3	3.2	27.6
1969	42.5	48.8	52.8	34.9	24.1 <sup>2</sup>	34.7	19.5 <sup>2</sup>	15.2	4.0	26.9
1970	42.7	48.7	52.5	36.4	25.5 <sup>2</sup>	34.2	22.1	16.2	3.2	30.2
1971	42.4	48.7	53.3	35.5	23.0 <sup>2</sup>	34.3	18.8	15.5	3.4	27.3
1972	42.6	48.9	53.0	36.9	23.8	34.8	18.6	14.3	3.4	28.8
1973	41.1	48.7	53.1	35.8	21.5	36.5	16.6	12.4	3.2	24.7
1974	40.3	47.9	51.9	35.6	19.9	35.6	15.0	14.1	2.8	25.4
										27.1
										21.1
										43.9 <sup>2</sup>
										43.9
										44.0 <sup>2</sup>
										44.0 <sup>2</sup>
										44.2 <sup>2</sup>
										44.4
										44.0
										44.0
										43.9 <sup>2</sup>
										43.9
										44.0
										43.1
										42.1

1) Adoption of the 1980 Standard Industrial Classification has brought about changes in data for mining and manufacturing from 1959 onward and again in manufacturing from 1961 onward. As a result the series for these statistics and for totals which include these statistics are discontinuous at 1959 and 1961.

Source: SC, Survey of Production.



Table 19.11  
INDEX OF MANUFACTURING PRODUCTION, DURABLES AND NON-DURABLES, CANADA, 1961 -1974

DURABLES	Relative Weight <sup>1</sup>	1961	1962	1963	1964	1965	1966	1967
Total Durables	44.141	100.0	113.2	123.7	138.3	156.4	169.2	174.1
Wood Industries	4.466	100.0	112.2	121.8	133.9	140.3	140.6	142.8
Furniture and Fixtures Industries	1.804	100.0	107.1	114.7	123.6	140.6	158.6	162.1
Primary Metal Industries	8.848	100.0	105.5	114.3	128.4	140.4	146.1	141.1
Fabricated Metal Industries	7.357	100.0	112.7	120.2	136.8	155.6	169.6	167.0
Machinery Industries	3.933	100.0	112.6	125.0	145.7	163.7	186.4	189.3
Transportation Equipment Industries								
Total	7.942	100.0	118.9	137.9	151.0	186.8	202.7	236.7
Motor Vehicles Manufacturers	3.143	100.0	122.4	161.0	170.8	233.4	242.4	326.5
Motor Vehicle Parts Manufacturers	1.576	100.0	123.4	146.9	161.3	192.8	212.1	210.6
Electrical Products Industries								
Total	6.254	100.0	119.4	130.5	146.4	162.9	185.3	187.9
Electrical Industrial Machinery	1.251	100.0	119.6	140.7	159.5	175.7	207.7	203.6
Non-Metallic Mineral Products Industries	3.536	100.0	115.0	116.7	128.0	139.3	144.9	135.4



Table 19.11 (cont'd)

DURABLES	1968	1969	1970	1971	1972	1973	1974 <sup>p</sup>
Total Durables	188.3	203.1	196.0	209.9	225.4	246.7	254.0
Wood Industries	144.7	153.3	156.1	170.7	188.9	207.0	193.0
Furniture and Fixtures Industries	166.3	176.1	166.8	176.3	199.5	217.6	221.7
Primary Metal Industries	158.2	164.8	171.0	169.4	177.1	190.6	200.1
Fabricated Metal Industries	174.2	185.2	185.7	189.5	201.8	218.7	225.9
Machinery Industries	190.0	215.0	215.2	223.3	235.7	262.6	284.3
Transportation Equipment Industries							
Total	275.7	307.3	268.9	315.8	342.0	375.7	374.5
Motor Vehicles Manufacturers	399.9	446.6	385.0	468.2	516.7	565.8	577.8
Motor Vehicle Parts Manufacturers	258.3	299.2	250.5	333.3	355.5	421.2	395.9
Electrical Products Industries							
Total	196.3	209.6	203.9	210.7	227.7	250.3	271.8
Electrical Industrial Machinery	203.5	213.4	219.9	219.5	230.1	243.8	271.6
Non-Metallic Mineral Products Industries	147.2	154.3	145.9	166.7	177.5	196.3	204.6

Table 19.11 (cont'd)

NON-DURABLES	Relative Weight <sup>1</sup>						
	1961	1962	1963	1964	1965	1966	1967
Total Manufacturing	100.0	109.3	116.7	127.9	139.5	149.3	153.3
Total Non-Durables	55.859	100.0	106.1	111.1	119.7	126.2	136.8
Food and Beverages Industries	14.453	100.0	106.4	110.5	117.9	123.5	136.8
Tobacco Products Industries	0.882	100.0	101.4	107.1	114.4	119.4	123.4
Rubber Industries	1.680	100.0	130.6	134.8	145.2	153.2	182.7
Leather Industries	1.235	100.0	103.5	96.8	99.1	100.9	94.0
Textiles Industries	3.684	100.0	111.2	120.7	133.3	139.0	146.2
Knitting Mills	..	100.0	109.1	123.0	131.2	136.5	137.7
Clothing Industries	3.456	100.0	104.0	109.7	114.4	120.1	119.3
Paper and Allied Industries	10.829	100.0	100.0	104.2	113.2	116.8	119.8
Printing, Publishing and Allied Industries	5.396	100.0	101.8	103.5	105.7	113.2	124.0
Petroleum and Coal Products Industries	2.955	100.0	108.7	117.2	118.5	124.4	130.5
Chemicals and Allied Products Industries	7.020	100.0	109.1	115.8	133.7	145.7	164.5
Miscellaneous Manufacturing Industries	3.396	100.0	109.0	115.1	127.1	136.6	163.3

Table 19.11 (cont'd)

NON-DURABLES	1968	1969	1970	1971	1972	1973	1974 <sup>P</sup>
Total Manufacturing	163.6	175.4	173.0	183.3	195.8	211.8	217.4
Total Non-Durables	144.0	153.6	154.9	162.3	172.4	184.2	188.6
Food and Beverages Industries	140.4	144.7	149.3	155.5	161.2	168.9	167.7
Tobacco Products Industries	115.7	120.9	131.3	133.9	134.7	142.3	147.4
Rubber Industries	175.1	182.9	182.3	179.4	200.8	216.2	228.4
Leather Industries	96.9	99.0	89.6	92.8	94.0	96.5	98.6
Textiles Industries	158.5	177.6	170.1	184.7	205.2	229.5	223.8
Knitting Mills	160.7	175.6	184.9	203.3	212.2	214.7	212.3
Clothing Industries	123.8	126.1	126.1	133.7	139.0	143.7	143.3
Paper and Allied Industries	126.2	138.8	139.6	140.5	152.7	160.1	169.2
Printing, Publishing and Allied Industries	126.3	131.4	131.8	136.1	143.0	154.8	161.2
Petroleum and Coal Products Industries	144.3	150.2	153.2	169.7	188.1	206.4	215.8
Chemicals and Allied Products Industries	177.7	195.0	198.2	209.0	220.5	241.0	251.0
Miscellaneous Manufacturing Industries	183.7	201.0	198.5	217.3	229.4	246.8	255.9

1) Expresses the relative importance of each category with respect to the total manufacturing index.  
Based on 1961 percentage weights.

Source: SC, Indexes of Real Domestic Product by Industry (1961 Base).



Section 20

## INVESTMENT AND CONSTRUCTION



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## HIGHLIGHTS

### Investment

In Ontario in 1974, capital and repair expenditures amounted to \$14.8 billion, which represented 36 per cent of the Canada total. Of the Ontario total, construction accounted for 56.9 per cent, and machinery and equipment for 43.1 per cent.

Of the \$14.8 billion of capital and repair investment in Ontario in 1974, the manufacturing sector expended 22.4 per cent; utilities, 18.6 per cent; housing, 23.1 per cent; government departments, 10.7 per cent; and commercial services, 4.9 per cent.

In 1974, of the \$3,312.6 million spent in Ontario in the manufacturing sector, 25.9 per cent was spent in Toronto, 13.7 per cent in Hamilton and 3.5 per cent in Windsor.

Of Ontario's \$11.6 billion of public and private investment in 1974, 60.5 per cent was invested in construction and 39.5 per cent in new machinery and equipment. Of the Ontario total, primary industries accounted for 7.9 per cent; manufacturing, 19.5 per cent; utilities, 18.2 per cent; trade and finance, 14.7 per cent; housing, 24.7 per cent; and institutional services and government departments, 15.0 per cent.

### Value of Construction

Forecast figures for the value of total building construction in Ontario indicate that the figure will reach \$5.67 billion in 1974. Of this total, residential construction is likely to account for 60.5 per cent; industrial for 10.4 per cent; commercial for 17.3 per cent; institutional for 7.0 per cent; and other construction for 4.8 per cent.

The total value of engineering construction rose by 16.0 per cent between 1973 and 1974 to reach \$2.6 billion, out of which 22.2 per cent was allocated to electric power construction; 20.6 per cent to road, highway and aerodrome construction; 15.7 per cent to water works and sewage system; 12.2 per cent to railway, telephone and telegraph.

Between 1973 and 1974, the total value of construction work performed rose by 14.4 per cent to \$8.3 billion, of which 35.8 per cent consisted of labour costs and 40.1 per cent of the cost of materials used. The total value of new work (as opposed to repair work) totalled \$7.0 billion, about 84.4 per cent of the total value of construction work performed in Ontario.

### Building Permits

In Ontario in 1974, 82,342 building permits were issued, a decline of 33.5 per cent over the previous year's total. Of this total, single dwellings accounted for 38.1 per cent; apartments, 40.3 per cent; double dwellings, 7.2 per cent; row housing, 11.3 per cent; and others, 3.1 per cent.

The value of building permits decreased by 4.8 per cent between 1973 and 1974 to reach \$3.8 billion. Of this total value of building permits, residential construction accounted for 52.3 per cent; industrial construction for 14.0 per cent; commercial construction for 23.6 per cent; and institutional and government construction for 10.1 per cent.

#### Dwelling Starts

In Ontario from 1973 to 1974 the number of dwelling starts decreased by 22.6 per cent to 85,503; the number of completions rose by 6.2 per cent to 104,360; and the number of dwellings under construction dropped 20.3 per cent to 78,517. Of the total number of dwelling starts in 1974, single detached accounted for 39.6 per cent; semi-detached and duplexes for 7.1 per cent; row for 11.1 per cent; and apartment and others for 42.2 per cent.

## DEFINITIONS

### *Capital Expenditures*

Include the cost of procuring, constructing and installing new durable plant and machinery, whether for replacement of worn or obsolete assets, or as net additions to existing assets. Included are all capitalized costs such as architectural, legal and engineering fees, as well as the value of work on capital assets undertaken by firms with their own labour force. Gross outlays are reported without any deduction for scrap or trade-in value of old assets. Excluded are expenditures made for the acquisition of previously existing structures, for used machinery and equipment unless imported and for land since outlays of this type involve only the transfer of property and not the creation of a capital asset. Housing is not generally considered a capital expenditure but it has been included because it forms a large proportion of construction expenditures and has cyclical fluctuations similar to those which characterize business, institutional and government capital expenditures.

### *Construction*

As it pertains to investment, includes building construction and all types of engineering construction such as roads, dams, transmission lines and pipelines, as well as oil drilling and mine development.

### *Machinery and Equipment*

Takes into account the purchase of all such items which are used either in producing goods or providing services but does not cover durable goods purchased for personal use. Included, as well as industrial machinery, are transportation equipment, agricultural implements, professional and scientific equipment, office and store furnishings and other similar capital goods. Excluded are outlays for defence equipment.

### *Repair Expenditures*

Represent the non-capitalized outlays made to maintain the operating efficiency of the existing stock of durable physical assets. These repairs and maintenance expenditures exclude, however, the routine care of assets such as in oiling and cleaning of machinery. Where the repair costs are large enough to lengthen materially the expected serviceable life of the assets, increase its capacity or otherwise raise its productivity, they are treated as capital expenditures on new construction or on new machinery and equipment.

### *NHA*

Regulated under the National Housing Act.

### *CMHC*

Central Mortgage and Housing Corporation.

### *Residential*

The classification for residential construction is intended to reflect the value of building permits or construction for new dwellings: single, seasonal, double, row, apartments and conversions; for alterations and improvements to existing dwellings: additions, structural changes, residential garages and swimming pools, and other improvements to existing dwellings.

### *Industrial*

Includes buildings used for: manufacturing and processing, transportation, communication and other utilities and agriculture, forestry, mine and mine mill buildings.

### *Commercial*

Includes stores, warehouses, garages, office buildings, theatres, hotels, funeral parlours, beauty salons and miscellaneous commercial - signs, posters, heating and plumbing installations, etc.

### *Institutional and Government*

Includes expenditures made by the community, public and government for buildings and structures - schools, universities, hospitals, clinics, churches, homes for the aged, government offices and administration buildings, law enforcement, public protection, national defence, and ancillary buildings such as dormitories, residences, church rectories, gymnasiums, heating plants, laundries and cafeterias for hospitals, schools or universities.

### *Dwelling Unit*

A structurally separate set of self-contained living premises with a private entrance from outside the building or from a common hall, lobby or stairway inside the building. Such an entrance must be one that can be used without passing through another separate dwelling unit.

### *Double*

Residential units are dwellings found in structures containing two dwelling units such as duplexes and semi-detached.

### *Row Dwellings*

Are one-family dwellings in a structure of three or more attached dwellings.

### *Apartments*

Refer to dwellings contained in structures with three or more units such as triplexes, quadruplexes, row duplexes and apartment buildings proper. Flats, regardless of number, which are part of a non-residential structure are also included.

### *A Single-detached (Single Dwelling)*

A building containing only one dwelling unit, which is completely separated on all sides from any other dwelling or structure.

### *A Semi-detached*

Dwelling is one of two dwellings located side-by-side in a building, adjoining no other structure and separated by a common or party wall extending from ground to roof.

### *Duplex*

One of two dwelling units located one above the other in a building adjoining no other structure.

### *Conversions*

Consist of dwelling units added by modification of existing structures.

### *Start*

The beginning of construction work on a building, usually when the concrete has been poured for the whole of the footing around the structure, or an equivalent stage where a basement will not be part of the structure.

### *Completion*

The stage at which all the proposed construction work on a dwelling unit has been performed, although under some circumstances a dwelling may be counted as completed where up to 10 per cent of the proposed work remains to be done.

### *Assisted Home-Ownership*

Refers to lending programmes which commenced with the innovative programme in 1970 whereby favourable amortization and interest rates were granted to low income mortgage applicants as an aid in home-ownership. In July 1973 a revised programme was introduced which provided in addition to interest assistance a Federal subsidy of up to \$300 per annum. This was extended to \$600 per annum in July 1974.

### *Co-operative Housing*

Housing erected by non-profit co-operatives such as church groups, service clubs and neighbourhood groups of which 80 per cent of the dwellings must be owned by shareholders or members of the group.

### *Non-Profit Housing*

Church groups, service clubs and neighbourhood groups building non-profit rental housing for families and individuals whose incomes are inadequate to meet current rentals on the open market.

### *Entrepreneur*

Businesses building non-profit rental housing for families and individuals whose incomes are inadequate to meet current rentals on the open market.



Table 20.1  
CAPITAL AND REPAIR INVESTMENT BY TYPE, BY PROVINCE, CANADA, 1972-1975<sup>1</sup>

	Capital expenditures		Repair expenditures		Capital and repair expenditures	
	Construc- tion	Machinery and equipment	Construc- tion	Machinery and equipment	Construc- tion	Machinery and equipment
\$ Million						
Canada						
1972	14,470.0	7,748.0	2,818.0	3,756.0	17,288.0	11,504.0
1973	16,952.6	9,665.5	3,216.9	4,390.8	20,169.5	14,056.3
1974	20,498.2	11,952.7	3,714.8	4,929.4	24,213.0	16,882.1
1975	23,079.5	13,801.9	4,168.2	5,519.3	27,247.7	19,321.2
						46,568.9
Ontario						
1972	5,253.0	2,984.0	1,023.0	1,512.0	6,276.0	4,496.0
1973	5,980.9	3,733.6	1,154.1	1,686.2	7,135.0	5,419.8
1974	7,010.1	4,570.2	1,392.3	1,806.9	8,402.4	6,377.1
1975	7,822.0	5,567.5	1,547.3	2,059.7	9,369.3	7,627.2
						16,996.5
Newfoundland						
1972	413.0	194.0	45.0	86.0	458.0	280.0
1973	441.3	193.0	56.5	117.0	497.8	310.0
1974	528.5	168.0	66.3	152.5	594.8	320.5
1975	531.8	198.7	73.9	162.2	605.7	360.9
						966.6
Prince Edward Island						
1972	53.0	19.0	14.0	8.0	67.0	27.0
1973	97.9	26.0	17.4	9.4	115.3	35.4
1974	96.0	34.3	13.8	10.8	109.8	45.1
1975	90.9	31.9	17.8	11.9	108.7	43.8
						152.5
Nova Scotia						
1972	397.0	216.0	91.0	88.0	488.0	304.0
1973	517.8	307.3	103.0	116.0	620.8	423.3
1974	583.6	321.5	110.4	127.6	694.0	449.1
1975	617.4	323.2	128.1	140.0	745.5	463.2
						1,208.7
New Brunswick						
1972	299.0	188.0	74.0	82.0	373.0	270.0
1973	427.1	208.9	90.2	94.0	517.3	302.9
1974	620.0	326.8	108.2	110.6	728.2	437.4
1975	714.0	370.3	121.1	125.8	835.1	496.1
						1,331.2



Table 20.1 (cont'd)

	Capital expenditures		Repair expenditures		Capital and repair expenditures	
	Construc- tion	Machinery and equipment <sup>2</sup>	Construc- tion	Machinery and equipment	Construc- tion	Machinery and equipment <sup>2</sup>
	\$ Million					
Quebec						
1972	3,142.0	1,682.0	604.0	802.0	3,746.0	2,484.0
1973	3,713.4	2,113.1	659.4	951.4	4,372.8	3,064.5
1974	4,754.0	2,620.1	765.0	1,082.2	5,519.0	3,702.3
1975	5,491.5	2,899.6	847.5	1,171.5	6,339.0	4,071.1
Manitoba						
1972	621.0	349.0	133.0	144.0	754.0	493.0
1973	735.6	407.4	153.1	172.7	888.7	580.1
1974	809.1	597.0	175.9	215.5	985.0	812.5
1975	822.5	711.3	198.7	244.0	1,021.2	955.3
Saskatchewan						
1972	439.0	385.0	154.0	175.0	593.0	560.0
1973	523.9	455.1	175.9	200.0	699.8	655.1
1974	705.7	564.0	212.5	225.3	918.2	789.3
1975	838.9	710.0	236.7	256.8	1,075.6	966.8
Alberta						
1972	1,654.0	729.0	326.0	289.0	1,980.0	1,018.0
1973	1,942.6	988.7	391.2	345.2	2,333.8	1,333.9
1974	2,345.9	1,343.1	403.5	410.5	2,749.4	1,753.6
1975	2,805.1	1,507.1	460.0	473.5	3,265.1	1,980.6
British Columbia						
1972	1,937.0	958.0	338.0	546.0	2,275.0	1,504.0
1973	2,276.3	1,156.4	402.5	671.1	2,678.8	1,827.5
1974	2,666.0	1,354.5	449.0	754.9	3,115.0	2,109.4
1975	2,997.7	1,429.9	515.7	838.3	3,513.4	2,268.2
Yukon and Northwest Territories						
1972	262.0	44.0	16.0	24.0	278.0	68.0
1973	295.8	76.0	13.6	27.8	309.4	103.8
1974	379.3	53.2	17.9	32.6	397.2	85.8
1975	347.7	52.4	21.4	35.6	369.1	88.0

1) Actual expenditures 1972 and 1973, preliminary actual 1974, intentions 1975.

2) Capital expenditures on machinery and equipment include an estimate for "capital items charged to operating expenses", in the manufacturing, utilities and trade totals.

Source: SC, Private and Public Investment in Canada.



Table 20.2  
CAPITAL AND REPAIR INVESTMENT BY SECTOR, CANADA AND ONTARIO, 1972 - 1975<sup>1,2</sup>

		Capital expenditures		Repair expenditures		Capital and repair expenditures		
		Construc- tion	Machinery and equipment	Construc- tion	Machinery and equipment	Construc- tion	Machinery and equipment	Total
\$ Million								
CANADA								
Agriculture and fishing	1972	292.0	938.0	115.0	282.0	407.0	1,220.0	1,627.0
	1973	346.3	1,247.3	134.7	323.0	481.0	1,570.3	2,051.3
	1974	459.9	1,516.2	184.0	388.0	643.9	1,904.2	2,548.1
	1975	542.3	1,755.3	212.4	455.4	754.7	2,210.7	2,965.4
Forestry	1972	52.0	65.0	20.0	79.0	72.0	144.0	216.0
	1973	76.4	103.0	27.3	95.3	103.7	198.3	302.0
	1974	105.3	143.9	31.7	101.2	137.0	245.1	382.1
	1975	125.0	129.9	32.4	113.5	157.4	243.4	400.8
Mining, quarrying and oil wells	1972	1,135.0	485.0	139.0	395.0	1,274.0	880.0	2,154.0
	1973	1,276.3	404.4	192.5	489.1	1,468.8	893.5	2,362.3
	1974	1,528.6	494.3	183.0	574.8	1,711.6	1,069.1	2,780.7
	1975	1,762.5	542.7	210.9	629.3	1,973.4	1,172.0	3,145.4
Construction industry	1972	49.0	297.0	12.0	262.0	61.0	559.0	620.0
	1973	57.1	347.0	13.7	306.0	70.8	653.0	723.8
	1974	68.5	416.4	16.4	367.2	84.9	783.6	868.5
	1975	77.1	468.5	18.5	413.1	95.6	881.6	977.2
Manufacturing	1972	829.0	2,119.0	252.0	1,405.0	1,081.0	3,524.0	4,605.0
	1973	985.8	2,682.2	275.8	1,642.9	1,261.6	4,325.1	5,586.7
	1974	1,362.2	3,599.5	338.2	1,807.6	1,700.4	5,407.1	7,107.5
	1975	1,748.5	4,318.4	367.1	1,967.9	2,115.6	6,286.3	8,401.9
Utilities	1972	2,357.0	1,872.0	428.0	996.0	2,785.0	2,868.0	5,653.0
	1973	2,672.6	2,484.2	498.2	1,119.0	3,170.8	3,603.2	6,774.0
	1974	3,137.7	2,978.2	637.3	1,235.0	3,775.0	4,213.2	7,988.2
	1975	4,102.4	3,560.7	740.9	1,439.4	4,843.3	5,000.1	9,843.4

Table 20.2 (cont'd)

		Capital expenditures		Repair expenditures		Capital and repair expenditures	
		Construc- tion	Machinery and equipment	Construc- tion	Machinery and equipment	Construc- tion	Machinery and equipment
							Total
							\$ Million
Trade	1972	204.0	455.0	71.0	78.0	275.0	533.0
	1973	286.7	514.5	77.1	89.3	363.8	603.8
	1974	359.3	550.0	80.8	95.7	440.1	645.7
	1975	358.8	536.0	84.5	95.2	443.3	631.2
							1,074.5
Finance	1972	777.0	118.0	55.0	17.0	832.0	135.0
	1973	1,093.5	144.6	66.3	22.5	1,159.8	167.1
	1974	1,326.4	203.7	81.1	28.4	1,407.5	232.1
	1975	1,442.3	193.3	85.6	31.7	1,527.9	225.0
							1,752.9
Commercial services	1972	231.0	857.0	28.0	106.0	259.0	963.0
	1973	305.0	1,100.2	30.4	133.9	335.4	1,234.1
	1974	436.9	1,264.6	29.8	142.6	466.7	1,407.2
	1975	508.3	1,394.9	29.9	168.0	538.2	1,562.9
							2,101.1
Institutions	1972	993.0	225.0	131.0	37.0	1,124.0	262.0
	1973	913.6	228.0	134.7	40.0	1,048.3	268.0
	1974	1,071.7	267.5	139.1	40.0	1,210.8	307.5
	1975	1,269.8	289.2	153.0	44.5	1,422.8	333.7
							1,756.5
Government departments	1972	2,731.0	317.0	516.0	99.0	3,247.0	416.0
	1973	2,961.8	410.1	578.4	129.8	3,540.2	539.9
	1974	3,666.5	518.4	638.8	148.9	4,305.3	667.3
	1975	4,427.5	613.0	686.1	161.3	5,113.6	774.3
							5,887.9
Housing	1972	4,820.0	-	1,051.0	-	5,871.0	-
	1973	5,977.5	-	1,187.8	-	7,165.3	-
	1974	6,975.2	-	1,354.6	-	8,329.8	-
	1975	6,715.0	-	1,546.9	-	8,261.9	-
							8,261.9
Total	1972	14,470.0	7,748.0	2,818.0	3,756.0	17,288.0	11,504.0
	1973	16,952.6	9,665.5	3,216.9	4,390.8	20,169.5	14,056.3
	1974	20,498.2	11,952.7	3,714.8	4,929.4	24,213.0	16,882.1
	1975	23,079.5	13,801.9	4,168.2	5,519.3	27,247.7	19,321.2
							46,568.9

		Capital expenditures		Repair expenditures		Capital and repair expenditures	
		Construc- tion	Machinery and equipment	Construc- tion	Machinery and equipment	Construc- tion	Machinery and equipment
							Total
							\$ Million
ONTARIO							
Agriculture and fishing	1972	..	..	..	..	..	..
	1973	98.9	308.0	54.0	72.0	152.9	380.0
	1974	144.9	358.6	79.6	83.6	224.5	442.2
	1975	149.7	401.8	82.3	94.4	232.0	496.2
Forestry	1972	..	..	..	..	..	..
	1973	4.4	15.7	5.9	20.0	10.3	35.7
	1974	8.0	22.7	6.2	19.8	14.2	42.5
	1975	9.6	20.3	6.5	24.7	16.1	45.0
Mining, quarrying and oil wells	1972	..	..	..	..	..	..
	1973	105.0	46.4	20.8	116.2	125.8	162.6
	1974	128.1	79.7	21.4	119.7	149.5	199.4
	1975	165.8	107.7	28.0	147.8	193.8	255.5
Construction industry	1972	..	..	..	..	..	..
	1973	20.2	122.8	4.8	108.3	25.0	231.1
	1974	24.2	147.3	5.8	129.9	30.0	277.2
	1975	27.3	165.7	6.5	146.2	33.8	311.9
Manufacturing	1972	314.3	1,026.9	124.5	728.6	438.8	1,755.5
	1973	372.1	1,263.3	135.2	823.4	507.3	2,086.7
	1974	571.9	1,691.5	162.5	886.7	734.4	2,578.2
	1975	974.1	2,328.2	178.8	998.2	1,152.9	3,326.4
Utilities	1972	822.2	764.0	156.1	353.2	978.3	1,117.2
	1973	773.0	1,032.5	184.4	394.6	957.4	1,427.1
	1974	949.9	1,154.6	239.2	403.5	1,189.1	1,558.1
	1975	1,139.2	1,352.9	276.5	469.9	1,415.7	1,822.8
Trade	1972	..	..	..	..	..	..
	1973	114.4	228.3	28.8	40.4	143.2	268.7
	1974	129.5	234.2	32.7	42.1	162.2	276.3
	1975	122.4	229.1	34.4	42.9	156.8	272.0

Table 20.2 (cont'd)

		Capital expenditures		Repair expenditures		Capital and repair expenditures		
		Construc- tion	Machinery and equipment	Construc- tion	Machinery and equipment	Construc- tion	Machinery and equipment	Total
								\$ Million
Finance	1972	..	..	..	..	..	..	..
	1973	533.5	72.4	29.2	10.9	562.7	83.3	646.0
	1974	590.5	101.2	37.2	13.3	627.7	114.5	742.2
	1975	591.0	96.0	36.8	14.6	627.8	110.6	738.4
Commercial services	1972	..	..	..	..	..	..	..
	1973	101.2	409.9	12.6	53.4	113.8	463.3	577.1
	1974	118.1	529.8	11.6	59.5	129.7	589.3	719.0
	1975	90.6	578.1	11.9	70.6	102.5	648.7	751.2
Institutions	1972	..	..	..	..	..	..	..
	1973	311.0	68.4	32.3	12.3	343.3	80.7	424.0
	1974	304.3	78.0	51.9	12.4	356.2	90.4	446.6
	1975	321.2	82.0	57.6	13.6	378.8	95.6	474.4
Government departments	1972	..	..	..	..	..	..	..
	1973	970.5	165.9	160.6	34.7	1,131.1	200.6	1,331.7
	1974	1,181.0	172.6	187.8	36.4	1,368.8	209.0	1,577.8
	1975	1,468.9	205.7	190.1	36.8	1,659.0	242.5	1,901.5
Housing	1972	2,036.7	-	421.6	-	2,458.3	-	2,458.3
	1973	2,576.7	-	485.5	-	3,062.2	-	3,062.2
	1974	2,859.7	-	556.4	-	3,416.1	-	3,416.1
	1975	2,762.2	-	637.9	-	3,400.1	-	3,400.1
Total	1972	5,253.2	2,983.5	1,022.7	1,512.1	6,275.9	4,495.6	10,771.5
	1973	5,980.9	3,733.6	1,154.1	1,686.2	7,135.0	5,419.8	12,554.8
	1974	7,010.1	4,570.2	1,392.3	1,806.9	8,402.4	6,377.1	14,779.5
	1975	7,822.0	5,567.5	1,547.3	2,059.7	9,369.3	7,627.2	16,996.5

1) Actual expenditures 1972 and 1973, preliminary actual 1974, intentions 1975.

2) Capital expenditures on machinery and equipment include an estimate for "capital items charged to operating expenses", in the manufacturing, utilities and trade totals.

Source: SC, Private and Public Investment in Canada.

Table 20.3  
CAPITAL AND REPAIR INVESTMENT IN MANUFACTURING, BY SELECTED METROPOLITAN AREA, CANADA AND ONTARIO,  
1972 - 1975<sup>1,2</sup>

		Capital expenditures			Repair expenditures			Capital and repair expenditures		
		Cons- truc- tion	Machinery and equipment	Cons- truc- tion	Machinery and equipment	Cons- truc- tion	Machinery and equipment	Cons- truc- tion	Machinery and equipment	Total
										\$ million
St. John's	1972	0.8	2.6	0.3	0.8	1.1	3.4	4.5		
	1973	1.2	3.9	0.3	1.0	1.5	4.9	6.4		
	1974	2.9	7.6	0.3	1.2	3.2	8.8	12.0		
	1975	3.1	6.8	0.3	1.0	3.4	7.8	11.2		
Halifax	1972	..	..	..	..	..	..	..		
	1973	6.5	8.6	3.3	3.3	9.8	11.9	21.7		
	1974	13.9	10.4	3.3	2.6	17.2	13.0	30.2		
	1975	14.4	12.9	5.5	2.8	19.9	15.7	35.6		
Quebec	1972	..	..	..	..	..	..	..		
	1973	12.0	17.8	1.9	13.5	13.9	31.3	45.2		
	1974	10.1	20.3	2.2	9.7	12.3	30.0	42.3		
	1975	7.3	22.4	2.6	12.1	9.9	34.5	44.4		
Montreal	1972	77.2	184.2	37.0	103.1	114.2	287.3	401.5		
	1973	106.5	286.1	40.5	145.9	147.0	432.0	579.0		
	1974	147.1	342.5	54.3	157.1	201.4	499.6	701.0		
	1975	138.3	329.6	61.8	170.6	200.1	500.2	700.3		
Ottawa	1972	3.4	18.8	1.5	10.6	4.9	29.4	34.3		
	1973	4.5	23.1	1.9	15.0	6.4	38.1	44.5		
	1974	3.8	24.6	2.0	15.7	5.8	40.3	46.1		
	1975	4.9	36.7	2.0	18.4	6.9	55.1	62.0		
Toronto	1972	64.0	261.5	32.8	126.6	96.8	388.1	484.9		
	1973	127.7	368.2	34.4	161.2	162.1	529.4	691.5		
	1974	155.8	496.3	41.9	164.6	197.7	660.9	858.6		
	1975	124.5	459.8	45.4	177.1	169.9	636.9	806.8		
Hamilton	1972	21.5	157.0	16.5	155.0	38.0	312.0	350.0		
	1973	27.9	149.9	20.4	181.6	48.3	331.5	379.8		
	1974	48.7	175.7	22.4	207.6	71.1	383.3	454.4		
	1975	62.0	257.2	26.8	248.1	88.8	505.3	594.1		

Table 20.3 (cont'd)

		Capital expenditures		Repair expenditures		Capital and repair expenditures	
		Cons- truc- tion	Machinery and equipment	Cons- truc- tion	Machinery and equipment	Cons- truc- tion	Machinery and equipment
		\$ million					
							Total
London	1972	2.9	15.2	1.6	11.5	4.5	26.7
	1973	3.7	29.7	2.5	17.9	6.2	47.6
	1974	11.0	36.5	2.5	18.6	13.5	55.1
	1975	11.1	33.7	2.9	19.3	14.0	53.0
							67.0
Windsor	1972	4.0	27.2	2.5	27.9	6.5	55.1
	1973	9.2	44.4	3.3	42.6	12.5	87.0
	1974	22.9	52.4	3.3	37.1	26.2	89.5
	1975	15.8	69.2	2.6	35.2	18.4	104.4
							122.8
Winnipeg	1972	11.1	24.5	4.5	13.1	15.6	37.6
	1973	16.5	31.8	5.5	15.7	22.0	47.5
	1974	12.8	30.3	5.7	16.6	18.5	46.9
	1975	13.2	37.3	5.7	16.5	18.9	53.8
							72.7
Calgary	1972	4.9	17.0	2.4	10.2	7.3	27.2
	1973	9.9	25.5	2.7	13.3	12.6	38.8
	1974	10.4	30.6	3.3	14.0	13.7	44.6
	1975	9.4	34.4	2.6	14.2	12.0	48.6
							60.6
Edmonton	1972	..	..	..	..	..	..
	1973	97.9	79.4	8.5	20.8	106.4	100.2
	1974	84.2	85.5	11.1	23.1	95.3	108.6
	1975	39.7	70.9	9.9	26.7	49.6	97.6
							147.2
Vancouver	1972	19.5	55.2	10.6	47.5	30.1	102.7
	1973	27.8	79.7	14.0	59.7	41.8	139.4
	1974	38.0	103.4	14.8	59.2	52.8	162.6
	1975	54.0	102.6	17.0	61.5	71.0	164.1
							235.1
Victoria	1972	2.5	6.5	0.5	3.3	3.0	9.8
	1973	2.2	5.0	0.6	4.1	2.8	9.1
	1974	2.3	6.4	0.6	4.8	2.9	11.2
	1975	1.6	6.0	0.7	5.1	2.3	11.1
							13.4

1) Actual expenditures 1972 and 1973, preliminary actual 1974, intentions 1975.

2) Capital expenditures on machinery and equipment include an estimate for capital items to operating expenses.

Source: SC, Private and Public Investment in Canada

Table 20.4  
PRIVATE AND PUBLIC INVESTMENT, CANADA AND ONTARIO, 1950 - 1974

	Construction			New Machinery and Equipment				Total New Capital		Ontario as % of Canada
	Canada	Ontario	Ontario as % of Canada	Canada	Ontario	Ontario as % of Canada	Canada	Ontario		
Capital Expenditures - \$ Million										
1950	2,453	895	36.5	1,483	524	35.3	3,823	1,419	37.1	
1951	2,871	1,023	35.6	1,868	717	38.4	4,408	1,740	39.5	
1952	3,434	1,137	33.1	2,057	762	37.0	5,491	1,899	34.6	
1953	3,756	1,276	34.0	2,220	830	37.4	5,976	2,106	35.2	
1954	3,818	1,317	34.5	1,984	772	38.9	5,802	2,089	36.0	
1955	4,456	1,486	33.3	2,075	785	37.8	6,531	2,271	34.8	
1956	5,435	1,788	32.9	2,761	1,054	38.2	8,196	2,842	34.7	
1957	5,880	2,067	35.2	2,933	1,199	40.9	8,813	3,266	37.1	
1958	5,954	2,144	36.0	2,534	960	37.9	8,488	3,104	36.6	
1959	5,792	1,904	32.9	2,708	966	36.8	8,500	2,900	34.1	
1960	5,519	1,828	33.1	2,809	1,028	36.6	8,328	2,856	34.3	
1961	5,630	1,794	31.9	2,662	1,000	37.7	8,292	2,794	33.7	
1962	5,834	1,936	33.2	2,935	1,118	38.1	8,769	3,054	34.8	
1963	6,156	2,088	33.9	3,242	1,194	36.8	9,398	3,282	34.9	
1964	7,032	2,249	32.0	3,948	1,498	37.9	10,980	3,747	34.1	
1965	8,175	2,533	31.0	4,760	1,846	38.8	12,935	4,378	33.8	
1966	9,281	3,088	33.2	5,807	2,173	37.4	15,088	5,261	34.9	
1967	9,474	3,173	33.5	5,874	2,185	37.2	15,348	5,357	34.9	
1968	9,909	3,485	35.2	5,546	2,094	37.7	15,455	5,579	36.1	
1969	10,824	3,825	35.3	6,103	2,482	40.7	16,927	6,308	37.3	
1970	11,319	4,127	36.5	6,479	2,801	43.2	17,798	6,928	38.9	
1971	13,274	4,662	35.1	6,910	2,798	40.5	20,184	7,460	37.0	
1972	14,470	5,253	36.3	7,748	2,984	38.5	22,218	8,237	37.1	
1973	16,953	5,981	35.3	9,666	3,734	38.6	26,618	9,715	36.5	
1974	20,498	7,010	34.2	11,953	4,570	38.3	32,451	11,580	35.7	

1) Actual expenditures.

2) Preliminary actual.

Source: SC, Private and Public Investment in Canada.

Table 20.5  
PRIVATE AND PUBLIC INVESTMENT BY SECTOR, ONTARIO, 1950 - 1974

	Primary Industries and Construction			Manufacturing			Utilities			
	Const.	New		Total	Capital Expenditures - \$ Million		Total	Const.	New	
		Mach.			Const.	Mach.			Const.	Mach.
1950	45	152	197	56	162	218	201	114	315	
1951	44	168	212	138	257	395	188	173	361	
1952	44	145	189	158	319	477	220	177	397	
1953	45	149	194	169	330	499	235	209	444	
1954	66	138	204	124	292	416	198	195	393	
1955	75	184	259	121	291	412	188	159	347	
1956	144	230	374	189	441	630	284	217	501	
1957	182	238	420	219	456	675	460	325	785	
1958	83	184	267	159	344	503	506	256	762	
1959	67	171	238	132	371	503	322	267	589	
1960	64	169	233	147	408	555	315	241	556	
1961	70	155	225	125	409	534	291	227	518	
1962	76	157	233	175	473	648	280	241	520	
1963	87	186	273	170	497	667	308	259	567	
1964	82	222	304	205	700	905	329	284	613	
1965	106	254	360	280	902	1,182	310	380	690	
1966	197	308	506	389	1,031	1,420	410	425	836	
1967	195	342	537	315	895	1,210	400	494	894	
1968	173	326	499	258	742	1,000	473	557	1,031	
1969	161	344	505	314	943	1,256	513	638	1,151	
1970	214	357	570	440	1,185	1,625	649	685	1,334	
1971	213	394	607	312	1,020	1,332	763	791	1,554	
1972	215	443	658	314	1,027	1,341	822	764	1,586	
1973 <sup>1</sup>	229	493	721	372	1,263	1,635	773	1,033	1,806	
1974 <sup>2</sup>	305	608	914	572	1,692	2,263	950	1,155	2,105	



Table 20.5 (cont'd)

	Trade, Finance and Commercial Services			Housing		Institutional Services and Government Depts.				Total		
	New		Total	Total	Const.	New		Total	Const.	New		
	Const.	Mach.				Const.	Mach.			Mach.		
Capital Expenditures - \$ Million												
1950	91	76	167	318	184	21	205		895		524	1,419
1951	86	89	175	333	234	30	264		1,023		717	1,740
1952	64	73	137	310	341	49	390		1,137		762	1,899
1953	121	97	218	400	305	45	350		1,276		830	2,106
1954	146	109	255	485	298	38	336		1,317		772	2,089
1955	143	118	261	606	353	34	387		1,486		785	2,271
1956	147	124	271	602	424	42	466		1,788		1,054	2,842
1957	169	140	309	559	478	40	518		2,067		1,199	3,266
1958	162	123	285	718	516	53	569		2,144		960	3,104
1959	163	134	297	663	558	53	611		1,904		996	2,900
1960	169	150	319	551	581	59	640		1,828		1,028	2,856
1961	165	148	313	543	599	61	660		1,794		1,000	2,794
1962	163	164	328	562	679	83	763		1,936		1,118	3,054
1963	161	170	331	599	763	82	845		2,088		1,194	3,282
1964	205	195	399	774	655	98	752		2,249		1,498	3,747
1965	248	212	460	803	786	98	884		2,533		1,846	4,378
1966	280	270	551	876	935	137	1,073		3,088		2,173	5,261
1967	307	310	617	921	1,035	144	1,179		3,173		2,185	5,357
1968	285	308	593	1,184	1,111	159	1,271		3,484		2,094	5,579
1969	296	410	706	1,425	1,116	148	1,264		3,825		2,482	6,308
1970	388	424	811	1,287	1,150	150	1,300		4,127		2,801	6,928
1971	469	416	884	1,642	1,263	179	1,441		4,662		2,798	7,460
1972	564	547	1,111	2,037	1,302	202	1,504		5,253		2,984	8,237
1973 <sup>1</sup>	749	711	1,460	2,577	1,282	234	1,516		5,981		3,734	9,715
1974 <sup>2</sup>	838	865	1,703	2,860	1,485	251	1,736		7,010		4,570	11,580

1) Actual expenditures.

2) Preliminary actual.

Source: SC, Private and Public Investment in Canada.

Table 20.6  
COMPONENTS OF PRIVATE AND PUBLIC INVESTMENT, ONTARIO, 1973<sup>1</sup> - 1974<sup>2</sup>

	Construction			Machinery and Equipment			Total		
	1973 \$ Million	1974	Per Cent Change	1973 \$ Million	1974	Per Cent Change	1973 \$ Million	1974	Per Cent Change
Primary Industries and Construction Industry	228.5	305.2	33.6	492.9	608.3	23.4	721.4	913.5	26.6
Manufacturing	372.1	571.9	53.7	1,263.3	1,691.5	33.9	1,635.4	2,263.4	38.4
Food and Beverages	47.9	50.2	4.8	106.6	127.6	19.7	154.5	177.8	15.1
Rubber	16.4	15.8	-3.7	51.1	49.3	-3.5	67.5	65.1	-3.6
Textile	12.3	16.0	30.1	43.0	77.1	79.3	55.3	93.1	68.4
Clothing	2.0	5.5	175.0	3.1	4.5	45.2	5.1	10.0	96.1
Knitting Mills	0.7	0.4	-42.9	2.1	2.9	38.1	2.8	3.3	17.9
Wood	14.6	19.0	30.1	34.9	50.4	44.4	49.5	69.4	40.2
Furniture & Fixtures	4.6	6.0	30.4	10.0	11.2	12.0	14.6	17.2	17.8
Paper & Allied Industries	15.5	33.1	113.6	68.0	133.1	95.7	83.5	166.2	99.0
Printing, Publishing and Allied Industries	10.2	9.6	-5.9	35.3	37.1	5.1	45.5	46.7	2.6
Primary Metal	36.2	77.3	113.5	178.0	264.4	48.5	214.2	341.7	59.5
Metal Fabricating	22.6	32.4	43.4	74.8	98.3	31.4	97.4	130.7	34.2
Machinery	17.2	23.8	38.4	44.1	52.8	19.7	61.3	76.6	25.0
Transportation Equipment	29.4	70.0	138.1	117.2	175.3	49.6	146.6	245.3	67.3
Electrical Products	17.4	20.3	16.7	62.8	69.1	10.0	80.2	89.4	11.5
Non-Metallic Mineral Prod.	20.7	13.5	-34.8	82.9	60.8	-26.7	103.6	74.3	-28.3
Petroleum & Coal Products	65.6	82.9	26.4	28.3	23.4	-17.3	93.9	106.3	13.2
Chemicals & Chem. Products	27.9	75.8	171.7	103.3	185.6	79.7	131.2	261.4	99.2
Miscellaneous	9.5	14.7	54.7	19.9	22.5	13.1	29.4	37.2	26.5
Other Manufacturing	1.4	5.6	300.0	197.9	246.1	24.4	199.3	251.7	26.3
Utilities	773.0	949.9	22.9	1,032.5	1,154.6	11.8	1,805.5	2,104.5	16.6
Trade, Finance and Commercial Services	749.1	838.1	11.9	710.6	865.2	21.8	1,459.7	1,703.3	16.7
Housing	2,576.7	2,859.7	11.0	-	-	-	2,576.7	2,859.7	11.0
Institutional Services and Government Departments	1,281.5	1,485.3	15.9	234.3	250.6	7.0	1,515.8	1,735.9	14.5
Total Private and Public Investment in Ontario	5,980.9	7,010.1	17.2	3,733.6	4,570.2	22.4	9,714.5	11,580.3	19.2

1) Actual expenditures.

Source: SC, Private and Public Investment in Canada.

2) Preliminary actual.

Table 20.7  
CAPITAL INVESTMENT IN CURRENT AND CONSTANT DOLLARS, CANADA, 1956 - 1975<sup>1</sup>

	Capital expenditures - Canada					
	Construction		Machinery and Equipment		Total	
	Current	Constant 1961	Current	Constant 1961	Constant 1961	Percentage of G.N.E. Constant 1961
	\$ Million					
1956	5,435	5,360	2,761	3,079	8,439	26.1
1957	5,880	5,836	2,933	3,108	8,944	25.8
1958	5,954	5,990	2,534	2,644	8,634	24.3
1959	5,792	5,803	2,708	2,765	8,568	23.2
1960	5,519	5,452	2,809	2,829	8,281	21.8
1961	5,630	5,630	2,662	2,662	8,292	21.2
1962	5,834	5,799	2,935	2,847	8,646	20.7
1963	6,156	5,948	3,242	3,060	9,298	20.6
1964	7,032	6,581	3,948	3,587	10,168	21.9
1965	8,175	7,218	4,760	4,169	11,387	22.9
1966	9,281	7,707	5,807	4,931	12,638	23.7
1967	9,474	7,579	5,874	5,019	12,598	22.9
1968	9,909	7,862	5,546	4,743	12,605	21.6
1969	10,824	8,158	6,103	5,081	13,239	21.6
1970	11,319	8,188	6,479	5,153	13,341	21.2
1971	13,274	9,986	6,910	5,336	14,422	21.4
1972	14,470	9,288	7,748	5,881	15,169	21.2
1973	16,959	10,073	9,172	6,679	16,752	21.9
1974	20,498	10,610	11,953	7,797	18,407	23.8
1975	23,079	...	13,802	...	...	...

1) Actual expenditures 1956 - 1972, preliminary actual 1973 and 1974, intentions 1975.  
Source: SC, Private and Public Investment in Canada.

Table 20.8  
TOTAL VALUE OF BUILDING CONSTRUCTION BY TYPE OF STRUCTURE, ONTARIO, 1952 - 1974

	Total Building Construction	Residential	Industrial	Commercial	Institutional	Other Building Construction
				\$'000's		
1952	910,728	378,900	229,739	160,639	105,895	35,555
1953	1,057,077	474,300	200,209	196,506	109,803	76,259
1954	1,168,274	574,800	190,365	214,974	127,048	61,087
1955	1,326,420	700,400	182,923	210,127	158,194	74,776
1956	1,462,380	699,200	288,159	224,180	152,927	97,914
1957	1,531,963	708,000	300,092	276,126	159,499	88,246
1958	1,607,649	879,700	173,116	285,082	192,162	77,589
1959	1,576,805	830,700	175,296	276,829	208,183	85,797
1960	1,516,716	723,700	198,242	272,819	217,762	104,193
1961	1,496,322	722,900	168,936	266,517	217,979	119,990
1962	1,626,309	743,900	195,094	263,230	304,908	119,177
1963	1,736,862	791,600	226,784	262,989	350,454	105,035
1964	1,932,686	994,700	266,381	317,640	264,052	89,913
1965	2,218,137	1,038,800	334,737	383,349	363,310	97,941
1966	2,590,478	1,128,100	478,147	449,916	430,259	104,056
1967	2,699,977	1,193,800	410,887	491,345	487,617	116,328
1968	2,962,615	1,484,984	322,086	462,903	583,497	109,145
1969	3,247,321	1,751,751	363,538	469,356	542,241	120,435
1970	3,424,373	1,629,200	511,188	588,963	530,398	164,624
1971	3,749,822	2,023,245	351,154	651,381	546,068	177,974
1972	4,237,394	2,458,371	375,369	728,230	480,185	195,239
1973 <sup>a</sup>	4,990,204	3,047,910	443,947	868,860	404,189	225,298
1974 <sup>a</sup>	5,674,807	3,435,634	587,410	981,281	399,461	271,021

1) Forecast.

Source: SC, Construction in Canada.



Table 20.10  
VALUE OF CONSTRUCTION WORK PERFORMED, TOTAL AND CONTRACT, LABOUR CONTENT AND COST OF MATERIALS USED,  
ONTARIO, 1956 - 1974

	Total Construction			Contract Construction Only		
	Labour Content		Value of Work Performed	Labour Content		Value of Work Performed
	Number	Value		Number	Value	
			----- \$'000's -----			----- \$'000's -----
1956	197,092	738,484	1,072,506	131,091	514,579	842,461
1957	207,945	847,896	2,189,600	139,951	597,361	945,589
1958	214,006	896,629	2,507,011	143,694	635,569	973,605
1959	195,433	844,800	2,598,625	130,499	584,379	878,655
			2,392,095			
1960	185,694	840,649	2,332,900	122,361	574,717	891,294
1961	172,666	801,021	2,294,781	120,237	575,146	872,764
1962	176,792	853,319	2,448,295	130,625	634,356	977,738
1963	174,273	897,700	2,620,182	128,951	678,452	1,054,786
1964	177,111	957,607	2,825,132	132,630	731,683	1,184,255
1965	189,239	1,102,276	3,171,774	137,297	819,719	1,293,980
1966	202,898	1,296,600	3,786,950	155,280	1,014,321	1,489,038
1967	203,440	1,376,783	3,928,994	155,376	1,074,283	1,461,253
1968	216,225	1,570,875	4,309,434	162,013	1,202,957	1,624,208
1969	207,998	1,650,972	4,643,221	159,956	1,292,284	1,722,018
1970	206,616	1,857,513	4,984,865	157,724	1,445,086	1,782,311
1971	206,856	2,092,294	5,596,904	161,293	1,659,825	1,871,515
1972	198,933	2,259,346	6,275,813	158,983	1,836,584	2,115,470
1973 <sup>p</sup>	214,471	2,590,287	7,237,522	172,172	2,114,558	2,473,560
1974 <sup>i</sup>	223,447	2,968,422	8,280,324	178,986	2,418,608	2,819,151

1) Forecast

Source: SC, Construction Division.

Construction in Canada.

Table 20.11  
TOTAL VALUE OF CONSTRUCTION WORK PERFORMED, ONTARIO, 1952 - 1974

	New	Repair	Total
	\$'000's		
1952	1,136,976	321,307	1,458,283
1953	1,268,140	329,191	1,597,331
1954	1,317,329	382,435	1,699,764
1955	1,488,099	381,236	1,869,335
1956	1,788,611	374,073	2,162,684
1957	2,066,289	440,722	2,507,011
1958	2,144,626	453,999	2,598,625
1959	1,904,435	487,660	2,392,095
1960	1,827,436	505,464	2,332,900
1961	1,794,223	500,558	2,294,781
1962	1,935,700	512,595	2,448,295
1963	2,088,431	531,751	2,620,182
1964	2,248,390	576,742	2,825,132
1965	2,532,664	639,110	3,171,774
1966	3,088,235	698,715	3,786,950
1967	3,172,476	756,518	3,928,994
1968	3,484,595	824,839	4,309,434
1969	3,825,351	817,870	4,643,221
1970	4,127,041	857,824	4,984,865
1971	4,661,922	934,982	5,596,904
1972	5,253,096	1,022,717	6,275,813
1973 <sup>p</sup>	6,086,278	1,151,244	7,237,522
1974 <sup>1</sup>	6,989,776	1,290,548	8,280,324

1) Forecast.

Source: SC, Construction in Canada.



Table 20.12  
NUMBER AND VALUE OF BUILDING PERMITS ISSUED, BY PROVINCE, CANADA, 1974

	Single dwellings	Cottages	Number of dwelling units				Conversions	Total
			Double dwellings	Row housing units	Apartments			
CANADA	102,064	2,820	11,731	13,944	66,314	1,998	198,871	
Ontario	31,384	2,015	5,900	9,291	33,223	529	82,342	
Newfoundland	679	2	240	354	181	27	1,483	
Prince Edward Island	626	98	8	-	63	29	824	
Nova Scotia	4,740	235	307	114	1,824	108	7,328	
New Brunswick	2,229	14	98	94	1,017	93	3,545	
Quebec	22,666	223	2,116	1,195	12,930	866	39,996	
Manitoba	3,953	32	466	285	2,202	43	6,981	
Saskatchewan	4,465	7	82	88	777	17	5,436	
Alberta	13,765	112	1,140	1,093	3,992	53	20,155	
British Columbia	17,517	82	1,372	1,398	10,050	231	30,650	
Yukon	-	-	-	-	-	-	-	
Northwest Territories	40	-	2	32	55	2	131	



Table 20.12 (cont'd)

	Estimated value of construction				Total
	Residential	Industrial	Commercial	Institutional and Government	
			\$'000's		
CANADA	4,575,710	1,315,898	2,292,665	1,095,802	9,280,075
Ontario	2,002,203	533,896	905,229	385,367	3,826,695
Newfoundland	36,762	8,899	9,632	13,278	68,571
Prince Edward Island	17,854	3,526	4,485	14,605	40,470
Nova Scotia	150,340	29,346	61,131	61,014	301,831
New Brunswick	77,587	16,587	32,454	41,002	167,630
Quebec	804,657	396,154	531,797	288,059	2,020,667
Manitoba	142,870	19,104	71,840	39,671	273,485
Saskatchewan	126,962	21,451	53,321	36,548	238,282
Alberta	450,015	198,343	323,335	98,143	1,069,927
British Columbia	762,630	87,782	297,926	111,495	1,259,833
Yukon	-	-	-	-	-
Northwest Territories	3,830	719	1,515	6,620	12,684

Source: SC, Building Permits.

Table 20.13  
BUILDING PERMITS ISSUED BY NUMBER OF DWELLING UNITS, CANADA AND ONTARIO, 1966 - 1974

	Total	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions
1966							
Canada	134,515	61,958	..	12,359	..	58,062	2,136
Ontario	60,910	27,766	..	3,368	..	29,199	577
1967							
Canada	163,479	65,411	..	13,867	..	81,914	2,257
Ontario	72,443	28,937	..	4,321	..	38,552	633
1968							
Canada	204,843	70,136	..	14,320	..	117,763	2,624
Ontario	89,089	31,973	..	5,227	..	51,146	743
1969							
Canada	194,990	65,765	..	11,702	..	114,942	2,581
Ontario	80,931	31,237	..	4,711	..	44,220	763
1970							
Canada	178,629	60,119	..	11,790	..	104,295	2,425
Ontario	78,131	23,640	..	4,776	..	49,008	707
1971							
Canada	230,405	84,055	2,708	16,657	-1	124,648	2,337
Ontario	96,901	31,128	2,116	8,190	-1	54,833	634
1972							
Canada	244,057	96,489	2,606	15,919	16,623	110,364	2,056
Ontario	105,204	35,724	2,047	8,515	9,218	49,124	576
1973							
Canada	271,232	112,428	2,644	14,185	16,067	123,861	2,047
Ontario	123,738	39,079	2,087	8,032	11,509	62,530	501
1974							
Canada	198,871	102,064	2,820	11,731	13,944	66,314	1,998
Ontario	82,342	31,384	2,015	5,900	9,291	33,223	529

1) Row housing is included with Apartments.  
Source: SC, Building Permits.

Table 20.14  
VALUE OF BUILDING PERMITS BY TYPE OF CONSTRUCTION, CANADA AND ONTARIO, 1966 - 1974

	Total	Residential	Industrial	Commercial	Institutional And Government
			\$'000's		
1966					
Canada	3,715,090	1,592,001	473,661	736,726	912,702
Ontario	1,792,852	728,037	281,534	330,479	452,802
1967					
Canada	4,067,833	1,923,644	424,947	677,001	1,042,241
Ontario	1,885,950	888,712	200,868	280,856	515,514
1968					
Canada	4,775,715	2,405,632	530,670	696,203	1,143,210
Ontario	2,151,493	1,123,191	183,294	294,108	550,900
1969					
Canada	4,895,551	2,429,190	567,048	839,155	1,060,158
Ontario	2,302,358	1,114,578	297,807	382,683	507,290
1970					
Canada	4,700,159	2,311,563	497,682	807,374	1,083,540
Ontario	2,302,333	1,079,037	230,560	414,513	578,223
1971					
Canada	5,730,127	3,203,063	460,924	1,069,785	996,355
Ontario	2,600,264	1,455,512	196,882	488,607	459,263
1972					
Canada	6,463,608	3,638,411	520,479	1,411,599	893,119
Ontario	2,988,407	1,714,080	278,890	564,472	430,965
1973					
Canada	8,558,938	4,763,082	853,754	1,970,340	971,762
Ontario	4,021,040	2,366,024	428,004	349,323	377,689
1974					
Canada	9,280,075	4,575,710	1,315,898	2,292,665	1,095,802
Ontario	3,826,695	2,002,203	533,896	905,229	385,367

Source: SC, Building Permits.

Table 20.15

DWELLING STARTS, COMPLETIONS AND UNDER CONSTRUCTION, CANADA AND ONTARIO  
1957-1974

	Dwelling Starts		Completions		Under Construction	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	92,531	33,430	89,075	31,318	60,538	24,331
1951	68,579	27,349	81,310	31,732	45,926	19,258
1952	83,246	30,016	73,087	27,461	55,689	20,513
1953	102,409	38,873	96,839	35,173	59,923	24,134
1954	113,527	46,382	101,965	41,085	68,641	27,941
1955	138,276	53,456	127,929	51,612	79,339	29,794
1956	127,311	48,712	135,700	51,201	68,579	26,232
1957	122,340	47,739	117,283	45,087	72,573	29,782
1958	164,632	63,753	146,686	59,551	88,162	33,414
1959	141,345	54,158	145,671	54,281	81,905	32,827
1960	108,858	42,282	123,757	46,982	65,773	28,335
1961	125,577	48,144	115,608	43,754	73,583	31,936
1962	130,095	44,306	126,682	47,287	76,153	28,932
1963	148,624	55,957	128,191	43,400	96,613	41,401
1964	165,658	65,617	150,963	57,739	107,718	48,835
1965	166,565	66,767	153,037	56,568	119,854	58,172
1966	134,474	52,355	162,192	68,407	88,621	39,478
1967	164,123	68,121	149,242	58,278	102,716	48,816
1968	196,878	80,375	170,993	68,003	126,638	60,035
1969	210,415	81,446	195,826	80,236	137,357	60,615
1970	190,528	76,675	175,827	69,331	148,185	66,912
1971	233,653	89,980	201,232	74,149	177,257	82,465
1972	249,914	102,933	232,227	96,438	188,630	87,358
1973	268,529	110,536	246,581	98,262	207,236	98,566
1974	222,123	85,503	257,243	104,360	168,406	78,517

Source: Central Mortgage and Housing Corporation,  
Canadian Housing Statistics, 1974.

SC, Canadian Statistical Review, Historical Summary, 1970

Table 20.16  
DWELLING STARTS BY TYPE, CANADA AND ONTARIO, 1959 - 1974

	Single-Detached		Semi-Detached and Duplex		Row		Apartment and Other	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
1959	92,178	34,694	10,468	3,371	1,908	482	36,791	15,611
1960	67,171	23,979	9,699	2,963	2,301	920	29,687	14,420
1961	76,430	26,227	11,650	3,962	1,864	664	35,633	17,291
1962	74,443	23,386	10,975	3,222	3,742	1,285	40,935	16,413
1963	77,158	27,000	7,891	4,265	3,895	2,300	59,680	22,392
1964	77,079	27,880	8,706	3,827	4,755	2,833	75,118	31,077
1965	75,441	26,572	7,924	3,006	5,306	3,802	77,894	33,387
1966	70,642	26,229	7,281	3,275	5,000	3,927	51,551	18,924
1967	72,534	26,595	9,939	3,914	7,392	4,952	74,258	32,660
1968	75,339	29,582	10,114	4,598	8,042	5,480	103,383	40,715
1969	78,404	30,556	10,373	4,928	10,721	5,915	110,917	40,047
1970	70,749	21,577	10,826	4,624	17,055	8,130	91,898	42,344
1971	98,056	31,088	13,751	7,395	15,659	7,602	106,187	43,895
1972	115,570	37,932	13,649	8,237	16,980	8,811	103,715	47,953
1973	131,552	42,751	13,235	7,950	17,291	11,977	106,451	47,858
1974	122,143	33,886	11,023	6,058	14,932	9,518	74,025	36,041

Source: *Central Mortgage and Housing Corporation, Canadian Housing Statistics, 1974.*

Table 20.17

DWELLING STARTS BY TYPE, BY CENSUS METROPOLITAN AREA,<sup>1</sup> ONTARIO, 1970 - 1974

	Hamilton	Kit- chener	London	Ottawa, city of	St. Ca- tharines- Niagara	Sudbury	Thunder Bay	Toronto	Windsor
Single-Detached									
1970	997	849	774	1,288	994	995	285	3,566	719
1971	2,155	1,323	1,339	1,613	1,465	1,268	275	6,972	853
1972	2,820	1,772	1,950	1,657	1,831	591	403	9,101	1,089
1973	2,862	1,593	1,770	1,491	2,098	515	598	8,039	1,017
1974	2,155	1,347	1,249	784	1,807	374	623	6,110	1,210
Semi-Detached and Duplex									
1970	175	216	172	276	149	132	157	2,250	108
1971	260	488	257	364	190	226	129	3,670	132
1972	434	362	147	146	268	85	149	5,484	212
1973	480	454	84	319	403	32	65	3,857	178
1974	286	384	146	522	408	28	68	2,552	158
Row									
1970	727	550	546	1,079	256	217	24	2,689	373
1971	750	620	641	1,180	45	242	35	2,577	500
1972	959	434	591	1,339	225	147	87	3,537	340
1973	868	569	473	1,883	480	91	21	5,927	99
1974	822	795	724	1,016	374	-	48	4,071	24
Apartment and Other									
1970	2,646	1,460	1,246	5,561	411	617	256	23,918	756
1971	2,243	1,474	2,955	5,446	1,114	2,025	76	21,990	729
1972	4,108	2,781	2,756	7,666	1,895	862	500	20,573	1,342
1973	4,498	2,438	1,545	8,258	956	295	671	19,874	739
1974	2,705	1,559	1,192	5,005	644	47	135	16,847	1,210

1) Data for 1970 - 1971 on 1966 Census Area definitions. Subsequent data are on 1971 Census Area definitions.

Source: Central Mortgage and Housing Corporation, Canadian Housing Statistics, 1974.

Table 20.18  
DWELLING STARTS FINANCED BY NHA AND OTHER, BY CENSUS METROPOLITAN AREA<sup>1</sup>,  
ONTARIO, 1973 - 1974

	1973				1974					
	Single- detached and duplex	Semi- detached and duplex	Row	Apartments and other	Total units	Single- detached and duplex	Semi- detached and duplex	Row	Apartments and other	Total
FINANCED BY NHA										
Hamilton <sup>2</sup>	476	245	449	2,312	3,482	34	9	391	1,033	1,467
Kitchener	696	214	390	916	2,216	100	99	245	328	772
London	327	-	286	561	1,174	119	-	305	725	1,149
Ottawa, city of	329	93	1,530	6,350	8,302	14	-	294	2,157	2,465
St. Catharines-										
Niagara	904	265	433	749	2,351	321	200	374	464	1,359
Sudbury	47	18	91	289	445	85	14	-	28	127
Thunder Bay	324	35	21	542	922	155	12	48	123	338
Toronto <sup>2</sup>	237	387	3,665	16,914	21,203	24	-	219	9,217	9,460
Windsor	155	118	99	49	421	186	54	24	682	946
OTHER THAN THOSE FINANCED BY NHA										
Hamilton <sup>2</sup>	2,386	235	419	2,186	5,226	2,121	277	431	1,672	4,501
Kitchener	897	240	179	1,522	2,838	1,247	285	550	1,231	3,313
London	1,443	84	187	984	2,698	1,130	146	419	467	2,162
Ottawa, city of	1,162	226	353	1,908	3,649	770	522	722	2,848	4,862
St. Catharines-										
Niagara	1,194	138	47	207	1,586	1,486	208	-	180	1,874
Sudbury	468	14	-	6	488	289	14	-	19	322
Thunder Bay	274	30	-	129	433	468	56	-	12	536
Toronto <sup>2</sup>	7,802	3,470	2,262	2,960	16,494	6,086	2,552	3,852	7,630	20,120
Windsor	862	60	-	690	1,612	1,024	104	-	528	1,656

1) Data on 1971 Census Area definitions.

2) Data for 1974 based on formation of new regional municipalities effective 1/1/74.  
Source: Central Mortgage and Housing Corporation, Ontario Regional Office.

Table 20.19  
DWELLING STARTS BY TYPE OF FINANCING, BY PROVINCE, CANADA, 1974

	NHA Financed			
	CMHC			
	Entrepreneur	Low Income		
		Non-Profit Housing Assistance	Assisted Home Ownership Program	Co-operative Housing Assistance
units				
CANADA	3,025	3,116	11,773	610
Ontario	1,624	826	2,623	95
Newfoundland	-	38	393	-
Prince Edward Island	-	-	94	-
Nova Scotia	174	6	263	-
New Brunswick	-	800	331	-
Quebec	391	156	5,145	-
Manitoba	313	166	191	246
Saskatchewan	62	-	927	-
Alberta	179	36	779	-
British Columbia	282	1,088	1,027	269



Table 20.19 (cont'd)

		NHA Financed CMHC				
	Federal-Provincial	Public Housing	Low Income		Direct Low Income <sup>1</sup>	Low Income Total
			Student Housing	units		
CANADA	1,912	9,063	28		83	29,610
Ontario	-	4,866	-		-	10,034
Newfoundland	199	47	-		-	677
Prince Edward Island	-	96	-		-	190
Nova Scotia	800	103	-		83	1,429
New Brunswick	44	190	-		-	1,365
Quebec	-	2,283	28		-	8,003
Manitoba	-	769	-		-	1,685
Saskatchewan	519	-	-		-	1,508
Alberta	-	370	-		-	1,364
British Columbia	350	339	-		-	3,355

1) \$200 m. Special Innovation Programme and \$100 m. Assisted Home Ownership Programme.  
 Source: Central Mortgage and Housing Corporation, Ontario Regional Office.



Section 21

## TRANSPORTATION



## TABLES

- Table 21.1 Motor Vehicle Registrations, Canada,  
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## HIGHLIGHTS

### Motor Vehicle Registration

The total number of vehicles registered in Canada rose from 9,481,432 in 1972 to 10,158,144 in 1973, an increase of 7.1 per cent. Comparable data for Ontario showed a 5.8 per cent increase between 1972 and 1973, rising from 3,386,444 vehicles to 3,583,379.

In 1973, of the total number of motor vehicles registered in Ontario, 83.8 per cent were passenger cars; 14.5 per cent were truck, tractor and bus; and 1.7 per cent were motorcycles.

### Highway and Road Mileages

Total Ontario road mileage rose by 1.9 per cent between 1969 and 1973 to reach 96,020 miles. Of this total, Kings highway accounted for 10.2 per cent; county roads for 9.5 per cent; organized township roads for 52.5 per cent; and cities, town and village streets for 15.8 per cent.

### Shipping

In 1974, the number of transits in the Montreal-Lake Ontario Section of the St. Lawrence Seaway fell by 46.2 per cent from the 6,013 recorded in 1973. Similarly, the number of transits in the Welland Section was also down in 1974, falling to 5,090 from 6,706 in 1973, a decrease of 31.7 per cent.

The fall in the number of transits in 1974 resulted in a 23.4 per cent reduction in tonnage on the Montreal-Lake Ontario Section to 44,146,444 short tons; and a 22.1 per cent reduction for the Welland Section to 52,359,962 short tons.

### Railway Revenue Freight

Total carload and non-carload freight loaded onto railway cars in Ontario in 1973 reached 54.9 million tons, a 7.2 per cent increase over the corresponding figure for 1970. Of the 1973 total, inedible crude materials accounted for 53.6 per cent, followed by inedible fabricated materials with 25.9 per cent.

DEFINITIONS*Delivered to U.S. Rail*

- (a) traffic delivered to United States rail connections or transported across the border;
- (b) deliveries to United States rail connections of freight originated in the U.S. and moved overhead through Canada.

*Loaded*

- (a) revenue freight originating directly on the road, including that received from private, non-reporting industrial sidings;
- (b) freight received from switching roads, where such freight has not previously been given line haul transportation;
- (c) freight received from other modes of transport;
- (d) freight reshipped following milling or fabrication at some point in transit;
- (e) idler or trailer cars.

*Received from U.S. Rail Destined to Canadian Points*

Traffic received from United States rail connections, or transported across the border destined to Canadian points.

*Unloaded*

- (a) freight terminating directly on the road, including that delivered to private, non-reporting industrial sidings and grain unloaded at interior, lake and coastal elevators for export;
- (b) freight delivered to switching roads, where there is no further line haul;
- (c) freight delivered to other modes of transport;
- (d) freight unloaded for milling or fabrication at some point in transit.



Table 21.1

## MOTOR VEHICLE REGISTRATIONS, CANADA, 1950-1973

	Passenger automobiles	Commercial vehicles	Motorcycles	Total
1950	1,913,355	643,244	43,670	2,600,269
1951	2,105,869	723,362	43,189	2,872,420
1952	2,306,374	807,365	42,085	3,155,824
1953	2,527,461	863,034	40,177	3,430,672
1954	2,706,025	900,899	37,665	3,644,589
1955	2,960,874	951,525	36,253	3,948,652
1956	3,222,484	1,007,373	35,580	4,265,437
1957	3,429,390	1,032,791	34,910	4,497,091
1958	3,631,381	1,058,571	33,873	4,723,825
1959	3,886,436	1,097,083	34,167	5,017,686
1960	4,104,415	1,117,450	34,476	5,256,341
1961	4,325,682	1,156,979	34,362	5,517,023
1962	4,531,384	1,210,325	33,101	5,774,810
1963	4,788,896	1,248,573	37,186	6,074,655
1964	5,037,861	1,297,039	47,133	6,382,033
1965	5,279,373	1,345,438	73,967	6,698,778
1966	5,480,724	1,446,603	107,934	7,035,261
1967	5,865,738	1,490,572	125,650	7,481,960
1968	6,159,573	1,587,217	140,287	7,887,077
1969	6,433,283	1,682,515	138,362	8,254,160
1970	6,602,176	1,737,761	157,402	8,497,339
1971	6,967,247	1,856,022	198,867	9,022,136
1972	7,407,275	1,825,656	248,501	9,481,432
1973	7,866,084	2,004,536	287,820	10,158,440

Source: SC, The Motor Vehicle, Part III.

Table 21.2  
MOTOR VEHICLE REGISTRATIONS<sup>1</sup>, ONTARIO, 1950-1973

	Passenger	Truck, Tractor, and Bus <sup>2</sup>	Dual Purpose <sup>4</sup>	Motorcycle	Total
1950	881,143	202,800	6,428	13,709	1,104,080
1951	958,082	225,271	8,275	13,470	1,205,098
1952	1,024,816	243,591	9,939	13,407	1,291,753
1953	1,117,175	261,923	13,707	13,314	1,406,119
1954	1,187,725	272,241	17,560	12,454	1,489,980
1955	1,292,133	287,942	25,457	12,321	1,617,853
1956	1,365,874	297,329	35,385	11,652	1,710,240
1957	1,431,438	304,568	45,971	11,522	1,793,499
1958	1,492,039	308,317	58,418	10,148	1,868,922
1959	1,573,365	316,272	74,014	10,086	1,973,737
1960	1,640,346	320,190	92,587	9,361	2,062,484
1961	1,686,149	322,882	108,295	8,944	2,126,270
1962	1,718,413	329,706	121,706	7,323	2,177,148
1963	1,790,788	333,701	136,090	7,741	2,268,320
1964	1,877,443	342,357	151,085	10,334	2,381,219
1965	1,976,625	352,914	163,071	24,070	2,516,680
1966	2,063,754	370,026	171,735	37,959	2,643,474
1967	2,134,287	381,081	178,057	42,941	2,736,366
1968	2,237,298	396,846	187,618	47,826	2,869,588
1969	2,308,743	412,196	192,975	39,875	2,953,789
1970	2,376,435	426,307	199,606	45,251	3,047,599
1971	2,497,307	443,982	215,747	52,826	3,209,862
1972	2,611,998 <sup>2</sup>	479,782	236,937	57,727	3,386,444
1973	3,002,091	519,088	...	62,200	3,583,379

1) Totals do not include trailer permits.

2) Includes dual purpose vehicles.

3) Estimated.

4) Station Wagons and similar vehicles in dual purpose.  
Source: Ministry of Transportation and Communications, Vehicle Licence Office.

Table 21.3  
MOTOR VEHICLE REGISTRATIONS, BY COUNTY, ONTARIO, 1969 - 1973

	1969			1970		
	Passenger	Dual		Passenger	Purpose	Truck <sup>1</sup>
		Purpose	Truck <sup>1</sup>			
			Total			Total
Ontario	2,308,743	192,975	400,156	2,901,874	2,376,435	413,241
Algonia	35,481	2,965	7,279	45,725	30,855	7,442
Brant	23,889	1,996	5,328	31,213	29,618	5,515
Bruce	15,444	1,290	4,404	21,138	14,185	4,409
Cochrane	18,154	1,517	5,527	25,198	20,436	5,682
Dufferin	6,679	558	1,673	8,910	6,208	1,749
Dundas	6,050	505	1,665	8,220	6,103	1,704
Durham	14,744	1,232	3,123	19,099	14,551	3,263
Elgin	22,400	1,872	5,852	30,124	22,074	1,854
Essex	99,696	8,316	14,490	122,502	104,131	5,975
Frontenac	31,623	2,643	5,112	39,378	32,879	14,908
Glengarry	4,597	384	1,558	6,539	5,140	5,291
Grenville	7,951	664	1,694	10,309	7,791	1,565
Grey	16,850	1,408	4,793	23,051	20,535	1,785
Haldimand	11,871	992	3,705	16,568	12,135	4,911
Haliburton	2,392	199	1,063	3,654	2,977	3,826
Halton	66,854	5,510	7,699	80,063	66,742	1,124
Hastings	33,137	2,769	6,941	42,847	31,913	7,977
Huron	15,806	1,321	4,654	21,781	16,469	7,129
Kenora	11,703	978	3,928	16,609	11,333	4,809
Kent	31,723	2,651	8,972	43,346	32,741	4,062
Lambton	37,532	3,136	7,571	48,239	38,553	9,206
Lanark	12,475	1,042	2,800	16,317	12,094	7,752
Leeds	13,950	1,165	3,657	18,772	16,603	2,848
Lennox-Addington	7,452	622	2,036	10,110	7,650	1,394
Manitoulin	1,551	129	722	2,402	1,749	642
Middlesex	88,796	7,405	14,785	110,986	93,703	146
Muskoka	9,911	828	2,795	13,534	9,477	736
Niagara <sup>2</sup>	123,405	10,397	18,353	152,155	116,504	15,701
Nipissing	20,550	1,717	4,367	26,634	19,744	2,835
						18,911
						4,506
						25,908
						2,989,282
						40,888
						37,620
						19,785
						27,834
						8,478
						521
						512
						1,704
						3,263
						19,036
						29,903
						127,786
						40,931
						7,136
						10,230
						27,170
						16,980
						4,351
						80,325
						41,722
						22,661
						16,346
						44,697
						49,543
						15,957
						21,863
						10,404
						2,631
						117,275
						13,108
						145,200

	1969			1970				
	Passenger	Dual Purpose	Truck <sup>1</sup>	Total	Passenger	Purpose	Truck <sup>1</sup>	Total
Norfolk	17,413	1,455	6,097	24,965	17,380	1,459	6,219	25,058
Northumberland	13,743	1,148	3,324	18,215	14,121	1,186	3,405	18,712
Ontario	61,207	5,015	8,801	75,023	61,769	5,188	9,298	76,255
Ottawa-Carleton <sup>3</sup>	132,650	11,070	14,802	158,522	145,473	12,219	15,745	173,437
Oxford	26,861	2,245	7,175	36,281	27,970	2,349	7,390	37,709
Parry Sound	7,364	615	3,000	10,979	8,802	739	3,048	12,589
Peel	76,712	6,395	10,027	93,134	81,801	6,871	10,616	99,288
Perth	20,298	1,696	5,021	27,015	20,366	1,710	5,160	27,236
Peterborough	29,351	2,421	5,013	36,785	27,667	2,324	5,102	35,093
Prescott	6,943	580	1,909	9,432	6,785	569	1,982	9,336
Prince Edward	7,113	594	2,296	10,003	7,165	601	2,393	10,159
Rainy River	6,709	560	2,186	9,455	6,887	578	2,289	9,754
Renfrew	20,840	1,741	5,238	27,819	22,898	1,923	5,396	30,217
Russell	5,567	465	1,504	7,536	5,981	502	1,470	7,953
Simcoe	50,315	4,230	11,407	65,952	52,405	4,402	11,637	68,444
Stromont	15,549	1,299	3,260	20,108	17,826	1,497	3,352	22,675
Sudbury	42,122	3,520	9,321	54,963	49,231	4,135	9,831	63,197
Thunder Bay	40,447	3,405	9,632	53,484	40,020	3,361	9,939	53,320
Timiskaming	9,196	768	3,089	13,053	10,694	898	3,231	14,823
Toronto	...	...	...	...	...	...	...	...
Victoria	10,478	875	2,638	13,991	10,915	916	2,750	14,581
Waterloo	76,903	6,511	11,651	95,065	84,734	7,117	12,002	103,853
Wellington	32,736	2,761	6,894	42,391	34,776	2,921	7,046	44,743
Wentworth	120,810	10,097	16,556	147,463	125,033	10,502	17,090	152,625
York <sup>4</sup>	684,750	57,298	92,769	834,817	690,843	58,044	95,251	844,138

Table 21.3 (cont'd)

	1971			Total	1972			
	Passenger	Dual Purpose	Truck <sup>1</sup>		Passenger	Dual Purpose	Truck <sup>1</sup>	Total
Ontario	2,497,307	215,747	430,371	3,143,425	2,611,998	236,937	465,477	3,314,412
Algoma	32,429	2,801	7,747	42,977	33,579	3,045	8,549	45,173
Brant	31,128	2,688	5,741	39,557	33,050	2,997	6,136	42,183
Bruce	14,908	1,287	4,589	20,784	19,561	1,774	5,517	26,852
Cochrane	21,478	1,854	5,914	29,246	24,376	2,210	6,209	32,795
Dufferin	6,524	563	1,820	8,907	8,588	779	2,052	11,419
Dundas	6,414	553	1,773	8,740	6,551	594	1,660	8,805
Durham	15,293	1,320	3,396	20,009	18,077	1,639	3,784	23,500
Elgin	23,199	2,004	6,219	31,422	22,892	2,076	6,367	31,335
Essex	109,341	9,455	15,619	134,415	103,694	9,405	15,808	128,907
Frontenac	34,555	2,984	5,507	43,046	33,948	3,079	6,372	43,399
Glengarry	5,402	465	1,629	7,496	5,810	526	1,772	8,108
Grenville	8,188	706	1,858	10,752	8,324	754	1,714	10,792
Grey	21,582	1,863	5,112	28,557	24,931	2,261	6,290	33,482
Halimand	12,753	1,101	3,982	17,836	14,397	1,305	4,058	19,760
Haliburton	3,128	270	1,170	4,568	3,403	308	1,429	5,140
Halton	70,145	6,060	8,304	84,509	84,273	7,643	10,420	102,336
Hastings	33,540	2,897	7,421	43,858	40,628	3,684	8,659	52,971
Huron	17,308	1,495	5,006	23,809	18,440	1,672	5,292	25,404
Kenora	11,910	1,028	4,228	17,166	13,554	1,229	4,688	19,471
Kent	34,410	2,972	9,583	46,965	38,700	3,510	9,271	51,481
Lambton	40,519	3,500	8,069	52,088	41,053	3,723	8,627	53,403
Lanark	12,710	1,097	2,964	16,771	14,058	1,275	3,360	18,693
Leeds	17,449	1,506	4,024	22,979	19,682	1,785	4,236	25,703
Lennox-Addington	8,040	694	2,198	10,932	8,769	795	2,194	11,758
Manitowlin	1,838	157	766	2,761	1,889	171	833	2,893
Middlesex	98,481	8,508	16,344	123,333	99,121	8,990	16,494	124,605
Muskoka	9,960	860	2,951	13,771	12,013	1,089	3,519	16,621
Niagara <sup>2</sup>	122,445	10,577	19,685	152,707	118,753	10,770	20,302	149,825
Nipissing	20,750	1,792	4,690	27,232	24,282	2,202	5,049	31,533



Table 21.3 (cont'd)

	1973		
	Passenger <sup>5</sup>	Truck <sup>1</sup>	Total
Ontario	3,002,091	519,088	3,521,179
Algoma	36,654	9,540	46,194
Brant	36,645	6,848	43,493
Bruce	17,870	5,906	23,776
Cochrane	23,628	6,929	30,557
Dufferin	8,597	2,290	10,887
Dundas	6,540	1,852	8,392
Durham	18,607	4,223	22,830
Elgin	26,899	7,106	34,005
Essex	119,839	17,643	137,482
Frontenac	39,853	7,200	47,053
Glengarry	5,365	1,978	7,343
Grenville	7,088	1,811	8,899
Grey	24,234	7,271	31,505
Haldimand	14,179	4,529	18,708
Haliburton	3,251	1,595	4,846
Halton	116,691	11,629	128,320
Hastings	39,411	9,486	48,897
Huron	18,238	5,788	24,026
Kenora	13,318	5,241	18,559
Kent	40,694	10,346	51,040
Lambton	44,552	9,628	54,180
Lanark	13,023	3,750	16,773
Leeds	19,206	4,728	23,934
Lennox-Addington	9,339	2,449	11,788
Manitoulin	1,980	930	2,910
Middlesex	117,505	18,409	135,914
Muskoka	11,803	3,844	15,647
Niagara <sup>2</sup>	145,217	22,658	167,875
Nipissing	24,343	5,725	30,068

Table 21.3 (cont'd)

	1973		
	Passenger <sup>3</sup>	Truck <sup>1</sup>	Total
Norfolk	20,785	7,382	28,167
Northumberland	17,504	4,472	21,976
Ontario	79,393	11,474	90,867
Ottawa-Carleton <sup>3</sup>	183,401	19,922	203,323
Oxford	33,564	9,512	43,076
Parry Sound	11,047	4,292	15,339
Peel	137,037	14,158	151,195
Perth	24,909	6,177	31,086
Peterborough	35,138	6,790	41,928
Prescott	8,389	2,297	10,686
Prince Edward	7,813	2,574	10,387
Rainy River	7,513	3,234	10,747
Renfrew	24,548	5,938	30,486
Russell	5,573	1,501	7,074
Simcoe	71,275	16,550	87,825
Stormont	21,193	3,648	24,841
Sudbury	58,199	13,813	72,012
Thunder Bay	50,718	13,388	64,106
Timiskaming	9,981	3,707	13,688
Victoria	13,601	4,088	17,689
Waterloo	96,271	14,857	111,128
Wellington	44,807	9,268	54,075
Wentworth	168,315	21,666	189,981
York <sup>4</sup>	866,548	117,048	983,596

1) Estimated.

2) Niagara includes Lincoln and Welland.

3) Data only for Carleton County.

4) York includes Toronto.

5) Includes dual purpose vehicles.

Source: Ministry of Transportation and Communications, Vehicle Licence Office.

SC, The Motor Vehicle, Part III.



Table 21.4  
HIGHWAY AND ROAD MILEAGES, ONTARIO, 1969-1973

	1969	1970	1971	1972	1973
	Miles				
<b>KING'S HIGHWAY</b>					
Concrete	9,911.5	9,774.2	9,746.8	9,773.6	9,804.7
High-Class Bituminous	393.6	376.5	379.6	369.7	347.0
Low-Class Bituminous	8,015.3	8,053.0	8,217.9	8,348.0	8,566.2
Gravel and Crushed Stone	1,003.7	893.3	810.9	763.5	772.2
	498.9	451.4	338.4	292.4	119.3
<b>SECONDARY HIGHWAY</b>					
High-Class Bituminous	2,996.5	2,997.1	2,992.0	2,918.2	2,928.7
Low-Class Bituminous	206.3	211.2	215.6	237.5	230.0
Gravel and Crushed Stone	784.4	793.4	810.2	761.1	761.1
Earth	2,003.4	1,990.1	1,963.8	1,917.2	1,935.2
	2.4	2.4	2.4	2.4	2.4
<b>TERTIARY ROADS</b>					
High-Class Bituminous	223.5	219.0	217.5	217.5	225.3
Gravel and Crushed Stone	4.2	4.2	4.2	24.4	24.4
	219.3	214.8	213.3	193.1	200.9
<b>COUNTY ROADS</b>					
Concrete	9,042.4	9,096.5	9,146.1	9,274.4	9,084.2
High-Class Bituminous	37.7	49.1	53.3	48.0	46.1
Low-Class Bituminous	3,079.6	3,430.4	3,529.4	3,950.6	3,967.1
Gravel and Crushed Stone	3,553.7	3,262.3	3,309.5	3,189.4	3,102.7
Earth	2,267.9	2,231.1	2,149.5	2,085.4	1,967.2
Other	11.2	13.1	1.1	0.4	0.4
	92.3	110.5	103.3	0.6	0.7
<b>REGIONAL MUNICIPAL ROADS</b>					
Concrete	456.9	1,164.8	1,414.7	1,974.1	2,245.9
High-Class Bituminous	..	19.5	19.5	17.6	13.5
Low-Class Bituminous	268.2	659.9	867.3	982.7	1,149.7
Gravel and Crushed Stone	119.9	406.3	419.0	622.1	699.6
Earth	68.8	78.6	108.4	351.2	382.6
	..	0.5	0.5	0.5	0.5

Table 21.4 (cont'd)

	1969	1970	1971	1972	1973
<b>METROPOLITAN ROADS</b>					
Concrete	373.0	380.1	387.2	380.8	387.2
High-Class Bituminous	21.2	22.1	1.8	1.8	1.1
Low-Class Bituminous	347.2	353.1	379.8	373.4	382.4
Gravel and Crushed Stone	3.5	1.7	1.7	1.7	1.7
Other	1.1	1.1	1.8	1.8	0.4
	..	2.1	2.1	2.1	1.6
<b>ORGANIZED TOWNSHIP ROADS</b>					
Concrete	53,644.3	51,401.4	50,432.6	50,519.9	50,417.3
High-Class Bituminous	19.9	12.4	12.6	12.8	13.1
Low-Class Bituminous	2,692.4	2,826.2	2,813.8	2,918.9	2,922.8
Gravel and Crushed Stone	3,461.8	2,428.4	3,678.1	3,772.1	4,019.1
Earth	40,290.7	38,617.7	37,686.3	37,723.4	37,076.9
Other	2,798.4	2,410.5	2,313.2	2,216.4	2,175.2
	4,381.1	4,106.2	3,928.6	3,876.3	4,210.2
<b>UNORGANIZED TOWNSHIP ROADS</b>					
Concrete	5,496.8	6,311.3	6,018.6	5,862.0	5,729.7
High-Class Bituminous	..	..	..	..	0.1
Low-Class Bituminous	2.5	49.0	27.4	35.6	39.6
Gravel and Crushed Stone	2.3	41.6	30.3	27.9	50.2
Earth	4,476.1	5,098.1	4,859.3	4,735.5	4,554.6
Other	871.7	914.0	914.0	894.3	898.3
	144.2	208.6	187.6	168.7	186.9
<b>CITIES, TOWNS AND VILLAGE STREETS</b>					
Concrete	12,121.5	13,154.4	14,916.2	14,596.9	15,197.1
High-Class Bituminous	536.8	511.1	507.6	498.2	247.7
Low-Class Bituminous	5,100.2	5,239.6	5,557.1	5,850.9	6,443.7
Gravel and Crushed Stone	3,446.9	3,805.7	3,991.1	3,868.4	3,947.4
Earth	2,323.8	2,550.2	3,219.0	3,260.3	3,372.7
Other	191.2	307.5	389.4	300.8	343.2
	522.6	740.3	1,252.0	818.3	842.4
<b>TOTAL ROAD MILEAGES</b>	<b>94,266.4</b>	<b>94,498.8</b>	<b>95,271.7</b>	<b>95,517.4</b>	<b>96,020.1</b>

Source: Ministry of Transportation and Communications.

Table 21.5

## TONNAGE AND TRANSITS, ST. LAWRENCE SEAWAY, 1959-1974

	Montreal-Lake Ontario Section		Welland Canal	
	Number of Transits	Tonnage (Short Tons)	Number of Transits	Tonnage (Short Tons)
1959	7,590	20,351,711	8,252	27,156,291
1960	7,387	20,310,346	8,007	29,249,689
1961	6,639	23,417,720	7,778	31,454,803
1962	5,963	25,593,600	7,248	35,406,305
1963	5,872	30,942,890	7,182	41,303,479
1964	6,440	39,309,029	8,051	51,388,512
1965	6,751	43,382,864	8,046	53,420,179
1966	7,031	49,249,358	8,428	59,271,666
1967	6,569	44,028,638	7,192	52,809,414
1968	6,296	47,953,850	6,998	58,074,714
1969	5,971	41,014,040	6,653	53,532,336
1970	5,973	51,143,168	7,001	62,868,908
1971	5,851	52,948,322	6,761	62,909,293
1972	5,884	53,579,940	6,621	64,095,379
1973	6,013	57,634,137	6,706	67,194,684
1974	4,113	44,146,444	5,090	52,359,962

Source: St. Lawrence Seaway Authority,  
Traffic Reports of the St. Lawrence Seaway Authority,  
1959 - 1974.

Table 21.6  
REVENUE FREIGHT RECEIVING INITIAL (OR FINAL) CANADIAN RAIL HAUL, ONTARIO, 1970-1973

	Total freight traffic (initial haul)	Grand total	Unloaded from railway cars in Ontario	Delivered to U. S. rail
	Tons	Per Cent	---Tons---	
Live animals				
1970	37,681	.055	130,465	26,822
1971	16,487	.025	111,503	6,424
1972	13,113	.019	131,295	2,145
1973	15,134	.020	97,631	889
Food, feed, beverages, and tobacco				
1970	7,905,303	11.542	17,104,731	2,410,440
1971	7,494,854	11.396	18,800,455	2,389,150
1972	7,980,099	11.692	19,958,458	2,176,890
1973	7,786,668	10.730	14,790,232	1,836,099
Crude materials, inedible				
1970	32,481,457	47.424	29,188,140	5,358,575
1971	31,037,928	47.195	26,217,469	5,011,589
1972	31,413,403	46.025	29,460,519	3,020,849
1973	33,093,572	45.601	30,065,154	3,075,615
Fabricated materials, inedible				
1970	19,722,179	28.795	12,494,253	11,428,822
1971	17,798,822	27.064	11,105,972	10,721,201
1972	18,193,299	26.656	12,737,450	11,420,484
1973	19,470,136	26.829	13,471,760	11,093,304

Table 21.6 (cont'd)

	Total freight traffic (initial haul)	Grand total	Unloaded from railway cars in Ontario	Delivered to U.S. rail
	Tons	Per Cent	---Tons---	
End products, inedible				
1970	5,923,303	8.648	2,075,667	2,706,534
1971	6,698,506	10.185	2,075,409	3,176,580
1972	7,303,130	10.700	2,535,820	3,329,889
1973	8,200,580	11.300	2,975,980	3,559,256
Special types of traffic <sup>1</sup>				
1970	2,004,643	2.927	1,454,008	158,689
1971	2,287,849	3.479	1,592,655	143,100
1972	2,949,702	4.322	2,059,549	178,374
1973	3,440,175	4.740	2,295,414	269,284
GRAND TOTAL, CARLOAD TRAFFIC				
1970	68,074,566	99.390	62,447,264	22,089,882
1971	65,334,446	99.345	59,903,463	21,448,044
1972	67,852,746	99.413	66,883,091	20,128,631
1973	72,006,265	99.220	63,696,171	19,834,447
NON-CARLOAD SHIPMENTS				
1970	417,466	.610	294,126	3,335
1971	430,792	.655	375,196	5,225
1972	400,587	.587	363,595	6,334
1973	565,850	.780	442,096	11,813
GRAND TOTAL, CARLOAD AND NON-CARLOAD TRAFFIC				
1970	68,492,032	100.000	62,741,390	22,093,217
1971	65,765,238	100.000	60,278,659	21,453,269
1972	68,253,333	100.000	67,246,686	20,134,965
1973	72,572,115	100.000	64,138,267	19,846,260

Table 21.6 (cont'd)

	Loaded onto railway cars in Ontario	Loaded onto railway cars in Ontario	Received from U.S. rail	
			Destined to Canadian points	Destined to U. S. points
Number of cars				
-----Tons-----				
Live animals				
1970	891	10,853	258	26,570
1971	666	9,744	333	6,410
1972	649	10,682	321	2,110
1973	738	14,083	238	813
Food, feed, beverages, and tobacco				
1970	97,490	3,915,296	1,551,933	2,438,074
1971	89,764	3,817,639	1,211,797	2,465,418
1972	94,620	4,269,085	1,383,196	2,327,818
1973	83,197	3,695,186	1,961,563	2,129,919
Crude materials, inedible				
1970	421,845	28,279,916	2,586,557	1,614,984
1971	397,347	27,280,708	2,617,141	1,140,079
1972	403,032	28,039,011	2,984,845	389,547
1973	424,840	29,417,541	3,187,341	488,690
Fabricated materials, inedible				
1970	270,403	13,876,921	2,873,799	2,971,459
1971	247,158	12,923,997	2,351,116	2,523,709
1972	244,052	13,247,792	2,639,865	2,305,642
1973	253,343	14,213,388	2,981,730	2,275,018

Table 21.6 (cont'd)

	Loaded onto railway cars in Ontario	Loaded onto railway cars in Ontario	Received from U. S. rail	
			Destined to Canadian points	Destined to U. S. points
-----Tons-----				
Number of Cars				
End products, inedible				
1970	142,446	2,930,107	1,648,619	1,344,577
1971	161,856	3,466,861	1,648,660	1,582,985
1972	175,341	3,710,663	1,879,774	1,712,693
1973	187,542	4,014,527	2,328,206	1,857,847
Special types of traffic <sup>1</sup>				
1970	97,151	1,800,098	65,326	139,219
1971	107,542	2,090,565	93,112	104,172
1972	131,775	2,674,432	155,945	119,325
1973	149,307	3,021,434	301,746	116,995
GRAND TOTAL, CARLOAD TRAFFIC				
1970	1,030,226	50,813,191	8,726,492	8,534,883
1971	1,004,333	49,589,514	7,922,159	7,822,773
1972	1,049,469	51,951,665	9,043,946	6,857,135
1973	1,098,967	54,376,159	10,760,824	6,869,282
NON-CARLOAD SHIPMENTS				
1970	...	414,678	2,005	783
1971	...	424,457	5,003	1,332
1972	...	393,942	5,463	1,182
1973	...	532,992	26,954	5,904
GRAND TOTAL, CARLOAD AND NON-CARLOAD TRAFFIC				
1970	...	51,227,869	8,728,497	8,535,666
1971	...	50,013,971	7,927,162	7,824,105
1972	...	52,345,607	9,049,409	6,858,317
1973	...	54,909,151	10,787,778	6,875,186

1) Excludes railway-owned (Plan II) trailers and containers for which data are included under appropriate commodities according to trailer or container contents.  
Source: SC, Railway Freight Traffic.





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